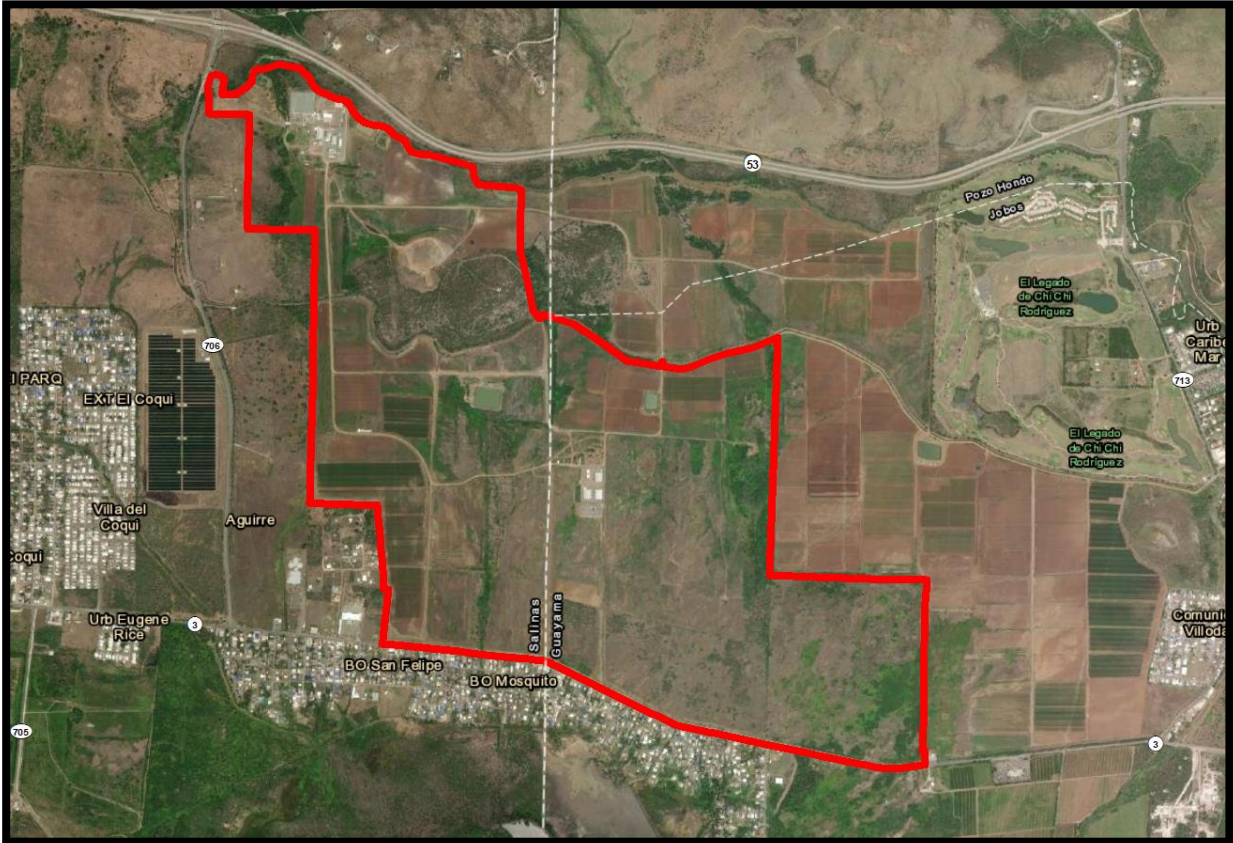


Stormwater Management Analysis AES Salinas-PV Site Salinas-Guayama, PR.



Prepared for: Clean Flexible Energy, LLC

Prepared by:



October 9, 2023



TABLE OF CONTENTS

1	INTRODUCTION	1-1
1.1	Purpose of this study.....	1-2
1.2	Scope of Work.....	1-2
2	DESCRIPTION OF STUDY AREA	2-1
2.1	Project Location	2-1
2.2	Description of Proposed Design	2-1
2.3	Existing Topography	2-1
2.4	Existing Waterbodies.....	2-2
2.5	Flood Zone Classification	2-2
3	AQUIFER RECHARGE AND RETENTION/INFILTRATION AREAS	3-1
3.1	The regional and local context of the southern aquifers.....	3-1
3.2	Strategies for aquifer management and protection	3-1
3.3	Infiltration parameters and soil infiltration	3-2
4	STORMWATER MANAGEMENT ANALYSIS	4-1
4.1	Hydrologic Analysis Methodology.....	4-1
4.2	Design Storm and Rainfall Data	4-1
4.3	Watershed Description	4-2
4.3.1	Land Cover	4-3
4.3.2	Soil Type.....	4-6
4.3.3	Runoff Curve Number.....	4-6
4.3.4	Time of Concentration.....	4-6
4.4	Hydrologic Simulation.....	4-7
4.4.1	Existing Condition (EC).....	4-9
4.4.1.1	Salinas Site - EC.....	4-9
4.4.1.2	Guayama Site - EC.....	4-12
4.4.2	Proposed Condition (PC)	4-15
4.4.2.1	Salinas Site - PC.....	4-16
4.4.2.2	Guayama Site - PC.....	4-20
5	CONCLUSIONS AND RECOMMENDATIONS.....	5-1
6	CERTIFICATION	6-1
7	REFERENCES	7-1
8	APPENDICES.....	8-1



LIST OF TABLES

Table 4-1 Rainfall average values for different return periods.	4-2
Table 4-2 Watersheds in Existing Condition – Salinas Site	4-2
Table 4-3 Watersheds in Existing Condition – Guayama Site.....	4-3
Table 4-4 Hydrologic properties of the Salinas Site Sub-Basins -EC.....	4-7
Table 4-5 Hydrologic properties of the Guayama Site Sub-Basins - EC	4-7
Table 4-6 Sub-Basin Peak Flow Summary Results - Salinas Site EC	4-11
Table 4-7 Maximum peak flow for outlet structure results – Salinas Site EC	4-12
Table 4-8 Sub-Basin Peak Flow Summary Results - Guayama Site EC.....	4-14
Table 4-9 Maximum peak flow for outlet structure results – Guayama Site EC.....	4-15
Table 4-10 Hydrologic properties for Salinas Site Sub-Basins - PC.....	4-16
Table 4-11 Hydrologic properties for Guayama Site Sub-Basins - PC.....	4-16
Table 4-12 Sub-Basin Peak Flow Summary Results - Salinas Site PC	4-17
Table 4-13 Maximum peak flow for outlet structure results – Salinas Site PC	4-18
Table 4-14 Comparison between EC and PC results Onsite Basins – Salinas Site	4-18
Table 4-15 Comparison between EC and PC results System Outlets – Salinas Site.....	4-19
Table 4-16 Rainfall Volume EC vs PC and Required Storage – Salinas Site.....	4-19
Table 4-17 Sub-Basin Peak Flow Summary Results - Guayama Site PC.....	4-20
Table 4-18 Maximum peak flow for outlet structure results – Guayama Site PC.....	4-21
Table 4-19 Comparison between EC and PC results Onsite Basins – Guayama Site	4-21
Table 4-20 Comparison between EC and PC System Outlets – Guayama Site.....	4-22
Table 4-21 Rainfall Volume EC vs PC and Required Storage – Guayama Site.....	4-22

LIST OF FIGURES

Figure 4-1 Views of Typical Land Cover at the Project Site at Existing Condition.....	4-4
Figure 4-2 Views of Typical Land Cover at PV Sites with Agricultural Activities.....	4-5
Figure 4-3 Hydrologic model configuration under existing conditions.	4-8
Figure 4-4 Salinas System 1 (N-S6-OUT)	4-9
Figure 4-5. Salinas System 2 (N-S7-OUT)	4-10
Figure 4-6 Guayama System 1 (N-G1-OUT)	4-12
Figure 4-7 Guayama System 2 (N-G3-OUT)	4-13



LIST OF APPENDICES

Appendix A: Project Location on Aerial Photo	A
Appendix B: Project Property Areas Allocation by Municipality.....	B
Appendix C: Location Map over USGS Quadrangle	C
Appendix D: Proposed Site Plan	D
Appendix E: Topographic Field Survey	E
Appendix F: Topographic Contours Map over Aerial Photo	F
Appendix G: Existing Waterbodies over Aerial Photo	G
Appendix H: FEMA FIRM-09 & FEMA ABFE Maps.....	H
Appendix I: Precipitation Data	I
Appendix J: Watershed Limits.....	J
Appendix K: Historical Aerial Photos	K
Appendix L: Land Cover & Soil Type Maps	L
Appendix M: CN-Calculation Sheets	M
Appendix N: Time of Concentration Calculation for EC and PC	N
Appendix O: Existing Condition ICPR Report.....	O
Appendix P: Proposed Condition ICPR Report.....	P



1 INTRODUCTION

This report contains the results and recommendations of the Storm Water Management (SWM) analysis for the project site of a ground-mounted photovoltaic power (PV) plant located on state highway PR-706 Km. 2.3, between state highways PR-53 (north) and PR-3 (south). The project property extends across the municipal limit between Salinas and Guayama (see Appendix A). The west side is located in Barrio Aguirre in the municipality of Salinas, and the east side is located in the Jobos neighborhood in Guayama. Although this is a single project, this report presents the analyses and results, designating the site according to the municipality where it is located: the Salinas site and the Guayama site (see Appendix B).

The primary access to the property is through state highway PR-706 (Salinas). Currently, the property is mainly vegetated. Recently, the site has been impacted by Agro-industrial activities: Research and Development facility operated approximately between 2019-2020. These facilities include electrical infrastructure, runoff management systems, gates, agricultural water wells, and water storage tanks.

Areas outside the Project site and the main property are leased for agricultural activity. This Project proposes the combined use of the photovoltaic panels with agricultural activities within the property premises, foreseeing maintaining the use of the land for agricultural use coexisting with the electricity generation.

The proposed Project is located within the geographic area of the Salinas Aquifer. Given that the aquifer is in critical condition and needs to be protected, the proposed Project should mitigate any impacts on the soil infiltration capacity and promote aquifer recharge. Therefore, this study includes the analysis and design recommendations of retention areas, including the necessary mechanisms to allow for infiltration and recharge of the aquifer.

To meet the current regulatory requirements and to ensure an environmentally friendly design, a hydrologic analysis is required to assess the impact on the surface runoff. Therefore, the onsite hydrologic analysis seeks to reduce any increase in the site peak flows (i.e., peak runoff) due to the new Project.

Clean Flexible Energy, LLC retained the services of PMG & Associates (PMG) to perform a Hydrologic and Hydraulic study to determine the effects of the proposed photovoltaic power (PV) Project on the onsite runoff discharge.

1.1 Purpose of this study

This study assesses the current stormwater drainage pattern on the project site and surrounding areas and recommends strategies to manage the proposed Project's runoff. In addition, if the proposed Project increases the runoff peak discharge, a runoff mitigation analysis must be conducted to mitigate the runoff increment.

This study complies with the applicable provisions of Puerto Rico's Planning Board (PRPB) "Guidelines for the Preparation of HH Studies" (JPPR-2016), the current Joint Regulation, Regulation No. 34 (JPPR-2015), and Regulation No. 13 (JPPR-2010).

1.2 Scope of Work

The study's scope of work is to gather the hydrologic data required to determine the runoff discharge before and after the Project is developed. The following tasks are part of this study to accomplish the scope of work:

- Evaluation of strategies and recommendations to promote the aquifer recharge based on the distribution of the Project's retention/detention areas.
- Collection and assessment of the required data to perform the hydrological analysis.
- Basin limits delineation considering the flow pattern analysis for each watershed contributing from the offsite and onsite of the Project for existing and proposed conditions.
- Assessment of hydrological classification of soils and land uses for the studied basins.
- Calculation of hydrological parameters: Time of concentration and NRCS Curve Number.
- Development of a Hydrologic model to determine the peak flow generated by storm events with return periods of 2-, 5-, 10-, 25-, 50-, and 100- years for existing and proposed conditions.
- Estimation of the runoff increase within the project site, if any, due to the proposed Project (proposed condition) and recommend strategies to mitigate storm runoff increase.

2 DESCRIPTION OF STUDY AREA

2.1 Project Location

The total property area is about 987 acres, within the property of Agriart, LLC, as established in the Lease Agreement between Agriart, LLC and Clean Flexible Energy, LLC. The property is located on state highway PR-706 Km. 2.3, between state highways PR-53 (north) and PR-3 (south), between the Aguirre and Jobos neighborhoods in the municipalities of Salinas and Guayama. Appendix C shows the Project Property located in the USGS topographic quadrangle). The total property area is allocated between Salinas and Guayama municipality: Salinas site is about 52% (510.4ac) of the total property area, and the Guayama site the remaining 48% (476.7ac). Appendix C shows the approximate area allocation of the entire property.

The Project property is bordered on the north by the PREPA's Guamaní and Patillas irrigation channels and land owned by Agriart, LLC and agricultural fields; on the east by land owned by Agriart, LLC and agricultural fields; on the south by State Highway PR-3, the San Felipe and Chun Chin Communities, unused agricultural fields and residential and commercial areas; and on the west by unused agricultural fields and residential and commercial areas. The main access to the property is through state highway PR-706, Km. 2.3 to the northwest.

2.2 Description of Proposed Design

The Project consists of constructing a 240 MW photovoltaic power (PV) plant to provide renewable energy to PREPA's distribution grid. To achieve this, approximately up to 80%(791ac) of the property will combine solar panels with agricultural activities. The remaining unused area will combine wetland, forest, and other preserved areas. The solar panels will be supported by structural truss elements anchored to the ground preserving the existing top soil. In addition to the solar panels, power inverters and transformers will be installed. The inverters will be supported by a concrete structure raised by columns above flood levels. Appendix D shows the Project site plan.

2.3 Existing Topography

The property's topography is varied, with mostly flat areas and small hills in the northern area. The existing elevations mostly range from approximately 3 to 38 meters above mean sea level (MSL), and the small hill area reaches maximum elevations of approximately 73 meters above MSL. The Project site has a general north-south gradient. A Topographic field survey is included

in Appendix E, and Appendix F shows the topographic contours obtained from the topographic contours map generated from the NOAA LiDAR/DEM (2015).

2.4 Existing Waterbodies

According to the USGS topographic quadrangle, there are three watercourses within the Project site: 1) the Aguas Verdes Creek, which enters the Project site area in the northwest limit in the Salinas site, runs across the north area, and then exits southward, running along the Project site west limit; 2) the Amorós Creek which enters the Project site area in the northwest limit between the Salinas and Guayama site limit, and crosses the Project site running southward through the central part of the Salinas site; and, 3) an Unnamed Ephemeral Creek which crosses the study area in the central-eastern Guayama site and tributes to Seco River downstream PR-3. In addition, all existing watercourses mentioned before, after exiting the Project site at the south limit, run in a north-south direction until discharge into Jobos Bay.

Also located within the study area and surrounding areas, there are two irrigation channels built and administered by the PREPA: the Guamaní and Patillas irrigation channels. Guanamí West irrigation channel runs eastwardly, bordering the northern limit of the Salinas site. The Patillas irrigation channel crosses eastwardly the central area of the Salinas site following the northern limit of the Guayama's site. Both channels have several crossing structures below to allow the flow of existing natural watercourses, including the Aguas Verdes and the Amorós Creeks. Appendix G shows the existing water bodies map over an aerial photo.

This study recognizes the importance of preserving and maintaining undisturbed the irrigation channels during the operation of the proposed Project. We anticipate that the stormwater management strategies recommended in this study would not impact the existing irrigation channels or their crossing structures.

2.5 Flood Zone Classification

According to the Federal Emergency Management Agency (FEMA) Flood Hazard Insurance Rate Map (FIRM) panel 72000C2105J, effective November 18, 2009, most of the Project area is located in Zone X, outside the regulatory 100-yr flood event. However, two small areas are shown in flood Zone A (area subject to the 100-yr flood, no floodway limits available) and no base flood elevations determined, one to the southwest at the east limit of the Salinas site near the PR-706 (Aguas Verdes Creek) and one to the southeast limit of the Guayama site (Seco River floodplain).



Following Hurricane María, FEMA published the "Puerto Rico Advisory Base Flood Elevations Maps" (ABFE). According to the ABFE map corresponding to the Project area, most of the Project area is outside of the floodplain (Zone X), except for the same two areas shown in the FIRM-09. However, the southwest at the east limit of the Salinas site near the PR-706 (Aguas Verdes Creek) remains identified as Zone A, but base flood elevations (BFE) still undetermined at the project limit and the flooded area seems unchanged. Conversely, the southeast limit of the Guayama site (Seco River floodplain) are identified as Zone A ABFE maps including Base Flood Elevations (BFE) varying between 16.02 and 5.97 meters above MSL and averaging a water depth of about 1 meter and a flooded area of about 80 acres. Appendix H FEMA FIRM-09 & FEMA ABFE Maps.

3 AQUIFER RECHARGE AND RETENTION/INFILTRATION AREAS

The proposed Project is located within the geographic area of the Salinas Aquifer. Given that the aquifer is in critical condition and needs to be protected, the proposed Project should mitigate any impacts on the soil infiltration capacity and promote aquifer recharge. Therefore, this study includes the analysis and design recommendations of retention areas, including the necessary mechanisms to allow for infiltration and recharge of the aquifer.

3.1 The regional and local context of the southern aquifers

It is essential to clarify that what is commonly referred to as the "Great Southern Aquifer" does not exist. Each alluvial valley forms an independent aquifer, and water withdrawals in one valley do not affect nearby valleys. There is no continuous aquifer on the southern coast, but rather a series of alluvial valleys separated by rivers into two hydraulically independent main segments. This means that each alluvial valley behaves independently of the other, and water withdrawal or recharge activities in one valley do not affect the other directly. Unfortunately, the erroneous impression has been created that all aquifers in the south are interconnected, and that water extraction in one sector, or contamination or saline intrusion, can directly affect another sector (Quiñones & Torres, 2003).

For purposes of study and analysis, the United States Geological Survey (USGS) has divided the hydrological region from Ponce to Patillas into "alluvial aquifers" in five individual sectors, our aquifer of interest being the alluvial aquifer from Patillas to Salinas, and identified from this point on in this report as the "Salinas Aquifer." Therefore, it is essential to establish that the proposed Project is located within the geographic area of the Salinas Aquifer, being of primary interest to make this caveat given that each aquifer has a particular context and problem.

3.2 Strategies for aquifer management and protection

The proposed Project will have minimal impact on the infiltration capacity of the soil, keeping the land cover undisturbed with the exception of road and internal road areas within the project area due to compaction of the road surface. Any variation in infiltration capacity that leads to an increase in surface runoff will be addressed by complying with current rules and regulations, the analysis of which will be part of the hydrologic-hydraulic study.



The proposed Project will include surface runoff control and management strategies that promote infiltration of water flowing into the property that does not drain directly into existing water bodies (the Aguas Verdes Creek, the Amorós Creek, and an unnamed creek). In addition, based on the recommendations and results of the HH study, the construction and adaptation of retention areas of high percolation are proposed. Therefore, the recommended retention areas have a dual purpose. In addition to controlling and managing the increase in runoff volume, they promote infiltration and recharge of the aquifer.

The proposed Project and the operations proposed to be carried out over the geographic area of the Salinas aquifer are not required to be supplied (ZERO demand) from any local water source that represents any withdrawal, connection, or supply from the Salinas aquifer. Likewise, it is anticipated that during the proposed Project's construction, operation, and maintenance activities, no chemicals, solvents, or other pollutants that could percolate and contaminate the aquifer be used. Therefore, it is anticipated that the drinking water supply of the region proposed due to the Project will not be affected.

3.3 Infiltration parameters and soil infiltration

The soil type series within the Project site are classified as Paso Seco and Vives series, with small portions of Poncena, Jacana, and Descalabrado series. All these soil types have common characteristics, such as moderately very deep, moderately well drained, and slowly permeable soils on alluvial fans, according to the Official Soil Series Description published by the NRCS. Therefore, these soil types anticipate medium to slow infiltration rates. Consequently, the proposed Project provides stormwater retention areas where typically slow infiltration occurs. For this reason, the recommended ponding areas bring an additional time for stormwater infiltration, improving the current aquifer recharge chances. Appendix L includes the Soils type map for the project area.

4 STORMWATER MANAGEMENT ANALYSIS

The addition of solar panels over a grassy field does not have much effect on the volume of runoff, the peak discharge, or the Time to peak (Cook-MacCuen, 2013). With each analysis, the runoff volume increased slightly but not enough to require stormwater management facilities. Therefore, no significant impact on existing hydrologic conditions at the project site related to an increase in peak runoff due to the proposed photovoltaic panels is expected. However, wherever an increase in runoff volume be identified, a runoff mitigation detention system will be required to reduce the proposed condition peak flows to the pre-development conditions. The detention area required to avoid an increase in peak runoff due to the proposed Project will be determined. The following sections describe the stormwater management analysis.

4.1 Hydrologic Analysis Methodology

The hydrologic simulation was performed in accordance with the methods developed by the Soil Conservation Service (SCS). The hydrologic model used was ICPR Streamlines Technologies. This computer program estimates the surface runoff resulting from any synthetic or natural storm. Rainfall is transformed to runoff via unit hydrograph methods. Discharge is computed at the outlet of each sub-area (sub-basin).

4.2 Design Storm and Rainfall Data

The precipitations considered for the study correspond to return periods of 2-, 5-, 10-, 25-, 50-, and 100-years, and durations of 1-, 6-, 12-, and 24-hours. The storm data for these events was obtained from the Atlas 14 Hydrometeorological Design Study Center by using the location coordinates for the centroid of the study area: 17.9755N and -66.2053W. The corresponding values are presented on Table 4-1. Rainfall time distributions were established according to the National Weather Service (NWS) for the first and fourth quartile, as the 10% and 90% percentile, respectively. Appendix I shows the precipitation data used.

Table 4-1 Rainfall average values for different return periods.

Duration (hrs)	Precipitation Depth corresponding to Tr (inches)					
	2	5	10	25	50	100
1	2.00	2.41	2.74	3.17	3.49	3.83
6	3.46	4.68	5.64	7.01	8.11	9.27
12	4.13	5.76	7.11	9.05	10.70	12.40
24	4.86	6.93	8.70	11.30	13.50	15.80

4.3 Watershed Description

The first step in the stormwater analysis was to estimate the Project's onsite and offsite drainage areas. The existing topography in the project site and surrounding areas follow a drainage pattern running southwardly.

According to existing condition topography, Salinas's site was subdivided into seven (7) sub-drainage areas: B-S1, B-S2, B-S3, B-S4, B-S5, B-S6, and B-S7. The Guayama's site was subdivided into three (3) sub-drainage areas: B-G1, B-G2, and B-G3. Both sites receive offsite runoff and the watercourses described previously in Section 2.4. The Salinas site receives runoff from four (4) offsite basins (B-OFF-S1, B-OFF-S2, B-OFF-S3, and B-OFF-S4), and the Guayama's site also receives runoff from four (4) different offsite basins (B-OFF-G1, B-OFF-G2, B-OFF-G3, and B-OFF-G4). Appendix J shows the watershed limits over a topographic contour map generated from the NOAA LiDAR/DEM (2015). Table 4-2 and Table 4-3 summarizes the studied basins area distribution.

Table 4-2 Watersheds in Existing Condition – Salinas Site

	Basin	Area (ac)
Onsite (510.3ac)	B-S1	69.1
	B-S2	101.9
	B-S3	20.8
	B-S4	7.6
	B-S5	20.2
	B-S6	19.6
	B-S7	271.1
Offsite (691.9ac)	B-OFF-S1	615.5
	B-OFF-S2	5.2
	B-OFF-S3	32.8
	B-OFF-S4	38.3

Table 4-3 Watersheds in Existing Condition – Guayama Site

	Basin	Area (ac)
Onsite (476.7ac)	B-G1	299.4
	B-G2	126.0
	B-G3	51.3
Offsite (1,377.6ac)	B-OFF-G1	900.7
	B-OFF-G2	183.2
	B-OFF-G3	61.4
	B-OFF-G4	232.4

The Proposed Condition (PC) runoff distribution maintains the same drainage areas and discharge locations as the existing condition. Therefore, the average watershed slope remains similar to the Existing Condition (EC). These drainage areas were also connected to the hydrologic-hydraulic model's discharge point to aid in the addition of the runoff hydrographs.

4.3.1 Land Cover

The Salinas and Guayama sites are classified as agricultural soils. However, there has been no agricultural activity for some time, and the current land uses correspond to unused land. The region's climatology is semi-arid and defines the land cover within the project area between pastures and sparsely wooded areas. Appendix K shows historical photos from 1995, 2006, 2017, and 2021 to reflect the land cover over the years. The existing land cover condition for the studied basins was defined using recent aerial photos, a site visit, and an evaluation of historical photos. The land cover for the sub-basins within the project site was defined according to the NRCS recommended soil cover classification for agricultural lands as a brush-weed-grass mixture and wood (poor cover: forest litter, small trees, and brush). The following photos show the land cover at the project site in the existing condition.





Figure 4-1 Views of Typical Land Cover at the Project Site at Existing Condition

The development of PV sites consists of elevated structures above the terrain elevation, promoting the site's natural vegetation growth and permitting agricultural use. The proposed condition land uses for the PV panels area is grassland herbaceous, maintaining the existing road accesses as dirt road cover. The land cover map Appendix L shows a complete distribution of the land use for Existing Condition (EC) and Proposed Condition (PC). The following photos show an example of how the land cover remains after installing the PV panels within the operational routine, including agricultural use.



Figure 4-2 Views of Typical Land Cover at PV Sites with Agricultural Activities

4.3.2 Soil Type

For the Salinas's site the Soil type within the project site is mainly 50.21% Paso Seco clay (PIB), other soil types in the project area are 17.94% Vives clay (VvB), 15.27% Pozo Blanco clay loam (PrC2), 5.02% Jacana clay (JaC2), 3.83% Descalabrado-Rock land complex (DrF), 3.52% Jacana clay (JaB), 3.22% Descalabrado clay loam (DeE2), and 0.98% Amelia gravelly clay loam (AmC2). The project site has hydrological soil groups C (0.98%), B (33.22%), and a predominant hydrologic soil group of Type D (65.81%).

For the Guayama's site the Soil type within the project site is mainly 68.82% Paso Seco clay (PIB), other soil types in the project area are 5.66% Vives clay (VvB) and 5.52% Poncena clay (Po). The project site has a predominant hydrologic soil group of Type B (84.34%) followed by hydrological soil group D (15.66%). Appendix L shows the soil map.

4.3.3 Runoff Curve Number

The SCS method of runoff estimation involves the computation of a runoff Curve Number (CN). This number corresponds to hydrologic soil-cover relations, and land uses. The major factors determining CN are the hydrologic soil group, cover type, and Antecedent Moisture Condition II (AMC II).

The existing condition values of CN were obtained from tables prepared by the SCS for the Caribbean and were weighted according to the soil type and land use area percentage on each sub-basin. Soil characteristics of the study area were identified using soil maps. In cooperation with the University of Puerto Rico, the United States Department of Agriculture Natural Soil Conservation Service (NRCS) has published soil maps and classified the soils according to their hydrologic characteristics. The Puerto Rico Planning Board (PRPB) has digitalized these maps.

Land cover for the site was assigned based on data, aerial photography, and the design site plan. Runoff CN values were determined using the information provided in the Soil Map and Land Cover Map together with the SCS tables. Their combination was done using GIS techniques. Appendix M shows the CN calculation table. The computed CN for each sub-basin is shown in Table 4-4.

4.3.4 Time of Concentration

The Time of concentration was estimated using the commonly used method known as Lag Equation. This equation was developed by NRCS using 24 watersheds in United States. It provides reasonable results for watersheds with areas up to 19mi². The Lag equation follows,

$$T_c = [100 \times L^{0.8}[(1000/CN) - 9]^{0.7}]/(1900 \times S^{0.5})$$

where:

T_c = Time of concentration (min)

L = Watershed flow length (ft)

S = Watershed Slope (%)

CN = Curve number

Appendix N presents the hydrologic properties used to estimate the T_c for all sub-basins. Table 4-4 and Table 4-5 show the estimated hydrologic properties for each sub-basin hydrologic parameter for the Existing Condition (EC) for the Salinas and Guayama Site respectively.

Table 4-4 Hydrologic properties of the Salinas Site Sub-Basins -EC

	Basin	Area (ac)	CN	Tc (min)
Onsite (510.3 ac)	B-S1	69.1	84	21.9
	B-S2	101.9	72	36.2
	B-S3	20.8	76	13.0
	B-S4	7.6	79	5.0
	B-S5	20.2	82	8.0
	B-S6	19.6	79	50.6
	B-S7	271.1	78	64.9
Offsite (691.9 ac)	B-OFF-S1	615.5	84	32.8
	B-OFF-S2	5.2	84	5.5
	B-OFF-S3	32.8	80	18.3
	B-OFF-S4	38.4	76	18.1

Table 4-5 Hydrologic properties of the Guayama Site Sub-Basins - EC

	Basin	Area (ac)	CN	Tc (min)
Onsite (476.7 ac)	B-G1	299.4	79	62.3
	B-G2	126.0	83	34.0
	B-G3	51.3	82	60.5
Offsite (1,377.6 ac)	B-OFF-G1	900.7	81	62.3
	B-OFF-G2	183.2	74	49.6
	B-OFF-G3	61.4	74	70.2
	B-OFF-G4	232.4	75	48.8

4.4 Hydrologic Simulation

The hydrologic simulation model used for this study was the Interconnected Channel and Pond Routing Model (ICPR) licensed by Streamlines Technologies version 4.0. The performed

hydrologic simulations included storm events with return periods of 2-, 5-, 10-, 25-, 50-, and 100-years, and 24-, 12-, 6-, and 1-hour duration under Existing and Proposed conditions. The performed simulation is based on the SCS Dimensionless Unit Hydrograph Method. The hydrologic model configuration setup is presented on Figure 4-3.

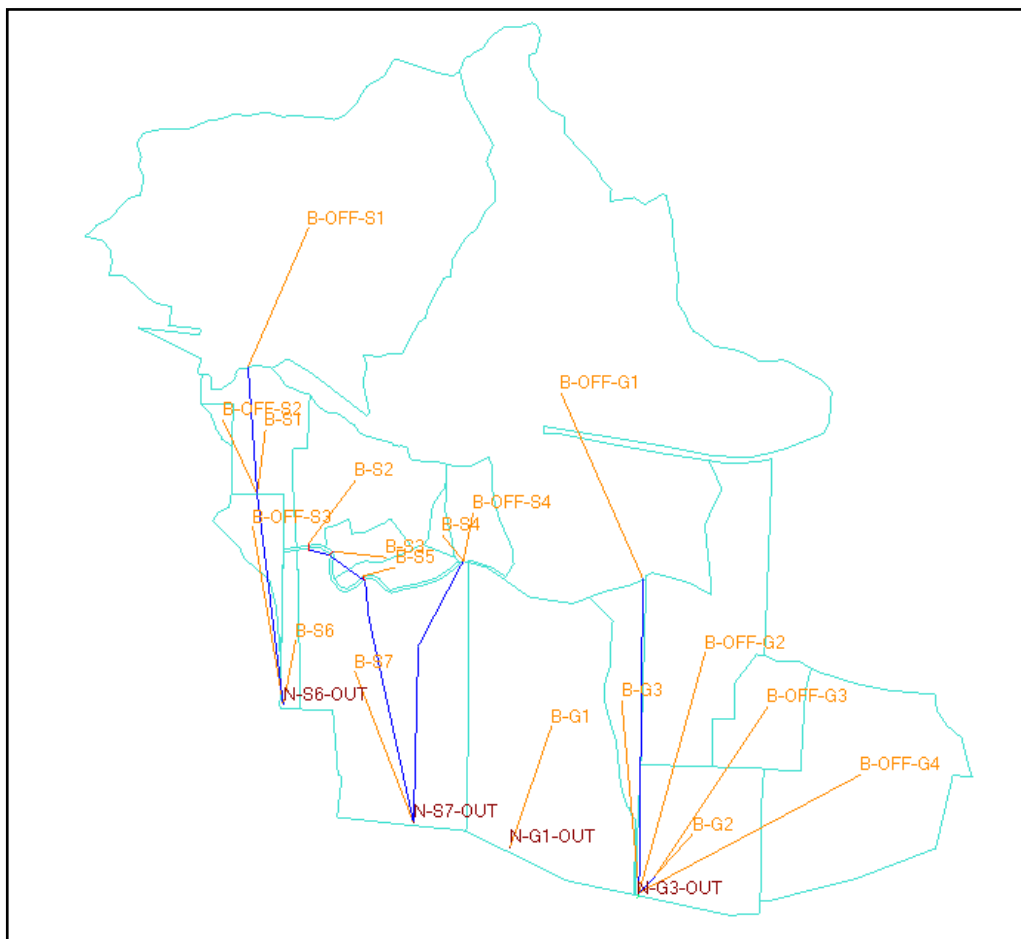


Figure 4-3 Hydrologic model configuration under existing conditions.

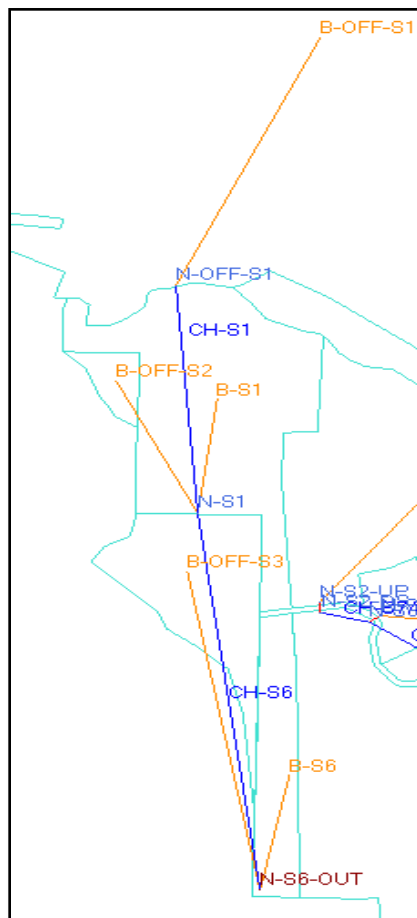
ICPR configuration requires basins, nodes, and links to complete the simulation process. Basins (basin names in orange caption, as shown in Figure 4-3) represent the catchment areas (catchment areas limits are represented in green, as shown in Figure 4-3) where a storm event generates runoff. Basins connect to nodes (at the lower end of the orange lines). Nodes receive runoff generated by basins and are connected by links (blue lines, as shown in Figure 4-3). Nodes may include stage-area data if runoff storage is expected or required.

4.4.1 Existing Condition (EC)

In compliance with local regulations, any development causing a peak flow increase compared with the pre-existing condition should provide a stormwater management facility to mitigate the runoff increment before discharging downstream into a neighboring property. Each site, Salinas and Guayama, were considered independently for the hydrologic analysis.

4.4.1.1 Salinas Site - EC

In Existing Condition, the Salinas Site consists of two independent hydrologic systems.



**Figure 4-4 Salinas System 1
(N-S6-OUT)**

The first Salinas hydrologic system comprises two onsite areas, basin B-S1, and B-S6, and three (3) offsite contributing areas, B-OFF-S1, B-OFF-S2, and B-OFF-S3 (see Appendix J). This system runs north to south from the offsite B-OFF-S1 passing through a channel link CH-1 from Node N-OFF-S1 to node N-S1. Node N-1 receives the offsite B-OFF-S2 and the onsite area B-S1. Then, through the channel link CH-S6 running from node N-S1 to the system outlet, the node N-S6-OUT. The system ends in node N-S6-OUT, which also receives discharges from basin B-S6 and offsite basin B-OFF-S2. This system represents the Aguas Verdes Creek (or System N-S6-OUT) running along the project site's west limit. Figure 4-4 shows the schematic representation of the Salinas System 1 (N-S6-OUT).

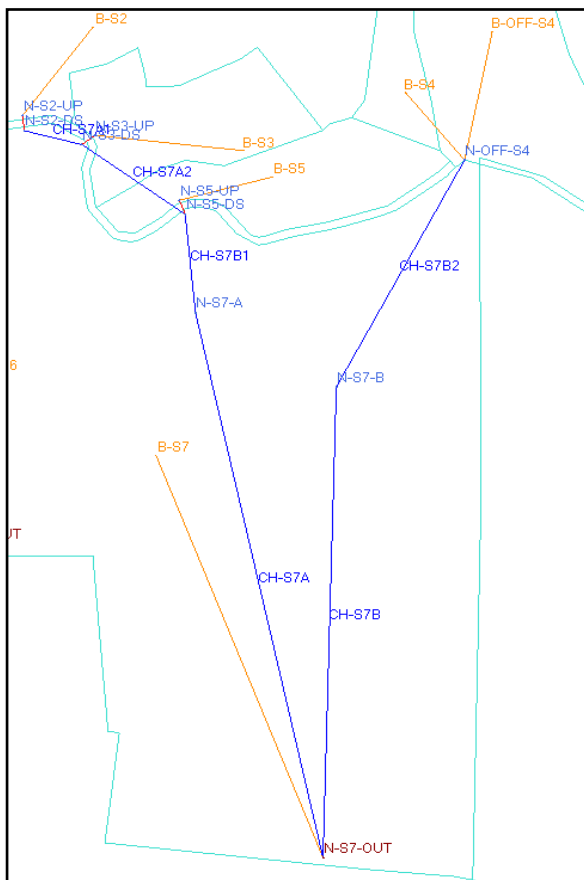


Figure 4-5. Salinas System 2 (N-S7-OUT)

The second Salinas hydrologic system represents the central and east parts of the Salinas site, running from basins B-S2, B-S3, and B-S5, which runoff crosses beneath the Patillas irrigation channel through existing storm structures (see Figure 4-5). All basin stormwater runs southwardly over open land modeled as wide open channels. Also, on the other side, an existing unnamed watercourse receives runoff from offsite B-OFF-S4 and B-S4. All basins are interconnected by means of channel links and end in node N-S7-OUT, which receives all the runoff of the depicted basins and B-S7. Finally, the second system discharges through a crossing structure below the State Road PR-3.

Table 4-6 summarizes the resulting peak flows for each sub-basin for all studied recurrences

and the simulation with the maximum peak.

The maximum inflow at the outlet nodes N-S6-OUT (Salinas System 1) and N-S7-OUT (Salinas System 2) represents the peak flows at the outlet of each hydrologic system of the Salinas Site. For the Existing Condition (EC), the results for a 100-yr storm event at the outlet nodes N-S6-OUT (Salinas System 1) and N-S7-OUT (Salinas System 2), the resulting peak discharges were 3,619.7cfs and 1,735.3cfs, respectively (See Table 4-7).

Appendix O includes the printout report of the ICPR input parameters and results for the Existing Condition scenario.



Table 4-6 Sub-Basin Peak Flow Summary Results - Salinas Site EC

		B-S1		B-S2	
Tr	Max. Flow (cfs)	Simulation	Max. Flow (cfs)	Simulation	
100	377.9	100yr-1hr-90%	401.8	100yr-6hr-10%	
50	332.6	50yr-1hr-90%	332.1	50yr-6hr-10%	
25	287.8	25yr-1hr-90%	267.1	25yr-6hr-10%	
10	229.0	10yr-1hr-90%	194.9	10yr-24hr-90%	
5	187.6	5yr-1hr-90%	147.0	5yr-24hr-90%	
2	135.5	2yr-1hr-90%	91.2	2yr-24hr-90%	
		B-S3		B-S4	
Tr	Max. Flow (cfs)	Simulation	Max. Flow (cfs)	Simulation	
100	118.9	100yr-1hr-90%	63.1	100yr-1hr-90%	
50	102.7	50yr-1hr-90%	55.5	50yr-1hr-90%	
25	86.9	25yr-1hr-90%	48.0	25yr-1hr-90%	
10	66.4	10yr-1hr-90%	38.0	10yr-1hr-90%	
5	52.2	5yr-1hr-90%	31.0	5yr-1hr-90%	
2	34.8	2yr-1hr-90%	22.1	2yr-1hr-90%	
		B-S5		B-S6	
Tr	Max. Flow (cfs)	Simulation	Max. Flow (cfs)	Simulation	
100	163.7	100yr-1hr-90%	81.6	100yr-6hr-10%	
50	144.6	50yr-1hr-90%	68.6	50yr-6hr-10%	
25	125.5	25yr-1hr-90%	56.3	25yr-6hr-10%	
10	100.5	10yr-1hr-90%	41.5	10yr-6hr-10%	
5	82.7	5yr-1hr-90%	31.4	5yr-6hr-10%	
2	60.3	2yr-1hr-90%	19.4	2yr-6hr-10%	
		B-S7		B-OFF-S1	
Tr	Max. Flow (cfs)	Simulation	Max. Flow (cfs)	Simulation	
100	1,032.9	100yr-12hr-10%	3,057.6	100yr-6hr-10%	
50	862.5	50yr-6hr-10%	2,597.1	50yr-6hr-10%	
25	706.1	25yr-6hr-10%	2,160.3	25yr-6hr-10%	
10	517.8	10yr-6hr-10%	1,628.7	10yr-6hr-10%	
5	389.5	5yr-6hr-10%	1,260.1	5yr-6hr-10%	
2	243.0	2yr-24hr-90%	877.4	2yr-1hr-90%	
		B-OFF-S2		B-OFF-S3	
Tr	Max. Flow (cfs)	Simulation	Max. Flow (cfs)	Simulation	
100	47.5	100yr-1hr-90%	177.0	100yr-1hr-90%	
50	42.3	50yr-1hr-90%	154.1	50yr-1hr-90%	
25	37.1	25yr-1hr-90%	131.7	25yr-1hr-90%	
10	30.2	10yr-1hr-90%	102.8	10yr-1hr-90%	
5	25.2	5yr-1hr-90%	82.5	5yr-1hr-90%	
2	18.8	2yr-1hr-90%	57.3	2yr-1hr-90%	
		B-OFF-S4			
Tr	Max. Flow (cfs)	Simulation			
100	181.6	100yr-1hr-90%			
50	156.2	50yr-1hr-90%			
25	131.5	25yr-1hr-90%			
10	99.8	10yr-1hr-90%			
5	78.0	5yr-1hr-90%			
2	51.4	2yr-1hr-90%			

Table 4-7 Maximum peak flow for outlet structure results – Salinas Site EC

Tr	N-S6-OUT		N-S7-OUT	
	Max. Inflow (cfs)	Simulation	Max. Inflow (cfs)	Simulation
100	3,619.7	100yr-6hr-10%	1,735.3	100yr-12hr-10%
50	3,068.7	50yr-6hr-10%	1,481.7	50yr-6hr-10%
25	2,546.5	25yr-6hr-10%	1,168.3	25yr-6hr-10%
10	1,911.7	10yr-6hr-10%	846.1	10yr-6hr-10%
5	1,473.0	5yr-6hr-10%	636.1	5yr-24hr-90%
2	943.8	2yr-6hr-10%	400.7	2yr-24hr-90%

4.4.1.2 Guayama Site - EC

In Existing Condition, the Guayama Site consists of two independent hydrologic systems.

The first Guayama's hydrologic system consists of a single onsite area, basin B-G1, with no offsite areas draining into the property. The stormwater runoff from this basin runs from the property's north limit and discharges to a shallow point at the southwest limit of the Guayama's site and the State Road PR-3. From the ICPR model configuration, this system represents the basic scheme of a single Basin connected to a node. Figure 4-6 shows the basin B-G1 discharging to outlet node N-G1-OUT.

Table 4-8 and Table 4-9 include the analysis results for Guayama System 1.

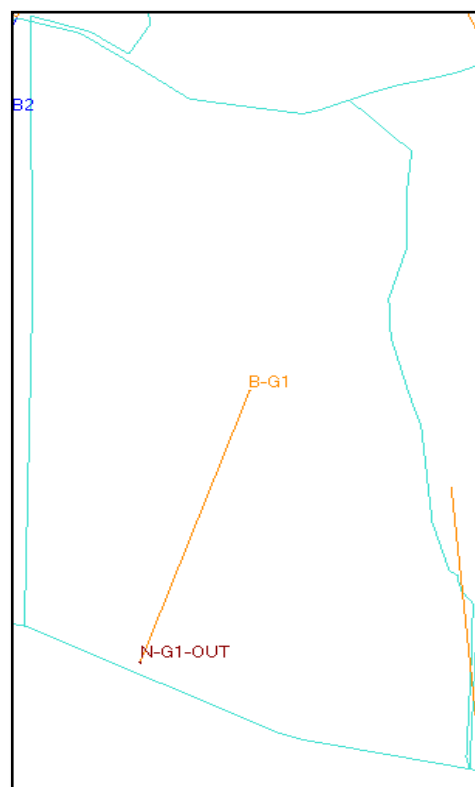


Figure 4-6 Guayama System 1 (N-G1-OUT)

The second system for the Guayama site is composed of two (2) onsite areas: B-G2 and B-G3, and four (4) offsite areas, B-OFF-G1, B-OFF-G2, B-OFF-G3, and B-OFF-G4. Storm runoff coming from B-OFF-G1 into the Guayama's site discharging through an existing channel (modeled as CH-G2) representing an Unnamed Creek (see Figure 4-7) running through the onsite basin B-G3, between nodes N-OFF-G1 and N-G2-G3. All runoff from the onsite B-G3 and offsite basins B-OFF-G2 and B-OFF-G4, run overland without a clear path and were modeled discharging to node N-G2-G3. And finally, B-OFF-G3 running overland through B-G2, and the combined discharges on node NG-2C before connecting

to node N-G2-G3, and then, all basins from System 2 end in N-G3-OUT. The Guayama System 2 discharges through an existing 36-inch pipe crossing below the State Road PR-3. Figure 4-7 shows the schematic configuration of System 2 as represented in the ICPR model.

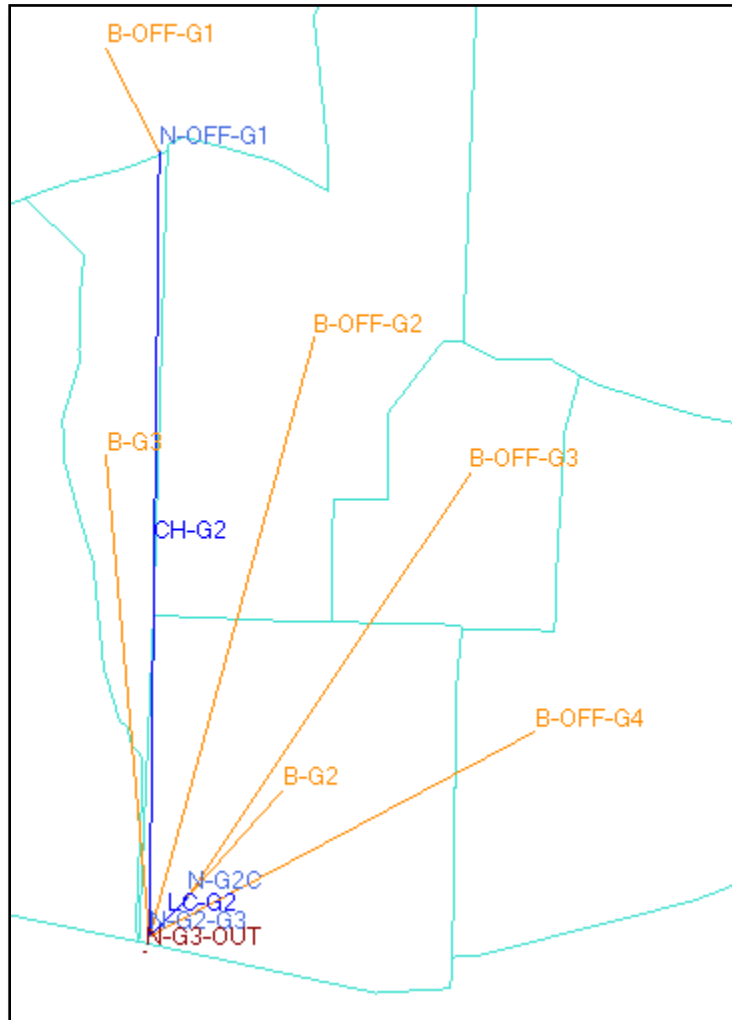


Figure 4-7 Guayama System 2 (N-G3-OUT)

Table 4-8 shows the peak flows summary for each sub-basin for all analyzed recurrences and the simulation with the maximum peak.



Table 4-8 Sub-Basin Peak Flow Summary Results - Guayama Site EC

	B-G1		B-G2	
Tr	Max. Flow (cfs)	Simulation	Max. Flow (cfs)	Simulation
100	1,171.9	100yr-6hr-10%	612.3	100yr-6hr-10%
50	984.9	50yr-6hr-10%	519.1	50yr-6hr-10%
25	808.6	25yr-6hr-10%	430.7	25yr-6hr-10%
10	595.8	10yr-6hr-10%	323.2	10yr-6hr-10%
5	450.4	5yr-6hr-10%	248.9	5yr-6hr-10%
2	277.5	2yr-6hr-10%	163.6	2yr-1hr-90%
	B-G3		B-OFF-G1	
Tr	Max. Flow (cfs)	Simulation	Max. Flow (cfs)	Simulation
100	213.1	100yr-6hr-10%	3,901.3	100yr-6hr-10%
50	180.3	50yr-6hr-10%	3,293.8	50yr-6hr-10%
25	149.2	25yr-6hr-10%	2,718.7	25yr-6hr-10%
10	111.5	10yr-6hr-10%	2,022.3	10yr-6hr-10%
5	85.5	5yr-6hr-10%	1,543.6	5yr-6hr-10%
2	54.2	2yr-6hr-10%	969.9	2yr-6hr-10%
	B-OFF-G2		B-OFF-G3	
Tr	Max. Flow (cfs)	Simulation	Max. Flow (cfs)	Simulation
100	645.4	100yr-12hr-10%	235.8	100yr-6hr-10%
50	531.2	50yr-12hr-10%	195.8	50yr-6hr-10%
25	429.2	25yr-24hr-90%	158.5	25yr-6hr-10%
10	315.5	10yr-24hr-90%	114.1	10yr-24hr-90%
5	238.5	5yr-24hr-90%	86.5	5yr-24hr-90%
2	148.5	2yr-24hr-90%	54.2	2yr-24hr-90%
	B-OFF-G4			
Tr	Max. Flow (cfs)	Simulation		
100	826.3	100yr-12hr-10%		
50	681.6	50yr-12hr-10%		
25	545.3	25yr-12hr-10%		
10	402.0	10yr-24hr-90%		
5	304.8	5yr-24hr-90%		
2	191.1	2yr-24hr-90%		

The maximum inflow at the outlet nodes N-G1-OUT (Guayama System 1) and N-G3-OUT (Guayama System 2) represents the peak flows for each hydrologic system of the Guayama Site. For the Existing Condition (EC), Table 4-9 shows the results summary of all analyzed events for nodes N-G1-OUT and N-G3-OUT. The resulting peak discharges for the 100-yr event were 1,171.8cfs and 5,991.5cfs, for the Guayama system 1 and 2, respectively. Appendix O includes the printout report of the ICPR input parameters and results for the Existing Condition scenario.



Table 4-9 Maximum peak flow for outlet structure results – Guayama Site EC

Tr	N-G2C		N-G2-G3	
	Max. Inflow (cfs)	Simulation	Max. Inflow (cfs)	Simulation
100	828.5	100yr-6hr-10%	6,540.2	100yr-6hr-10%
50	698.0	50yr-6hr-10%	5,446.5	50yr-6hr-10%
25	574.7	25yr-6hr-10%	4,408.8	25yr-6hr-10%
10	426.1	10yr-6hr-10%	3,237.9	10yr-6hr-10%
5	324.3	5yr-6hr-10%	2,391.7	5yr-6hr-10%
2	202.8	2yr-6hr-10%	1,486.0	2yr-6hr-10%
Tr	N-G1-OUT		N-G3-OUT	
	Max. Inflow (cfs)	Simulation	Max. Inflow (cfs)	Simulation
100	1,171.9	100yr-6hr-10%	5,998.6	100yr-12hr-10%
50	984.9	50yr-6hr-10%	5,033.6	50yr-6hr-10%
25	808.6	25yr-6hr-10%	4,187.5	25yr-6hr-10%
10	595.8	10yr-6hr-10%	3,125.8	10yr-6hr-10%
5	450.4	5yr-6hr-10%	2,355.2	5yr-6hr-10%
2	277.5	2yr-6hr-10%	1,482.0	2yr-6hr-10%

4.4.2 Proposed Condition (PC)

The Proposed Condition simulation corresponds to the post-development condition with the PV-Site development as shown in Appendix D. To model the Proposed Condition, the ground cover under the panels was assumed to be a grassland herbaceous (Pasture, Fair condition). This change represents a slight change in the CN and the Time of Concentration only where PV panels are placed.

The proposed drainage area distribution and the runoff patterns remain the same as the Existing Condition since there are no plans to propose changes to the existing topography. In this case, the proposed design does not affect the existing condition of watershed distribution. Therefore, the proposed condition watershed delimitation and slope remain as the Existing Condition. Appendix J includes a figure with the Proposed Condition (PC) watershed limits (same as the existing condition) and the location of the areas with PV panels.

Table 4-10 and Table 4-11 shows the hydrologic properties of the Proposed Condition (PC) for both sites, including the drainage areas with no change, the new CN, and Time of concentration. Appendix L shows the land cover map for post-developed conditions. Appendix M and Appendix N show the general hydrologic properties calculation sheet for all the studied basins from both sites and their offsites.

Table 4-10 Hydrologic properties for Salinas Site Sub-Basins - PC

	Basin	Area (ac)	Tc (min)	CN
Onsite (510.3ac)	B-S1	69.1	21.6	84
	B-S2	101.9	34.1	74
	B-S3	20.8	12.5	77
	B-S4	7.6	5.0	79
	B-S5	20.2	7.9	82
	B-S6	19.6	48.4	81
	B-S7	271.1	62.4	80
Offsite (691.9ac)	B-OFF-S1	615.5	32.8	84
	B-OFF-S2	5.2	5.5	84
	B-OFF-S3	32.8	18.3	80
	B-OFF-S4	38.4	18.1	76

Table 4-11 Hydrologic properties for Guayama Site Sub-Basins - PC

	Basin	Area (ac)	Tc (min)	CN
Onsite (476.7ac)	B-G1	299.4	59.6	81
	B-G2	126.0	33.1	84
	B-G3	51.3	59.7	82
Offsite (1,377.6ac)	B-OFF-G1	900.7	59.6	81
	B-OFF-G2	183.2	49.6	74
	B-OFF-G3	61.4	70.2	74
	B-OFF-G4	232.4	48.8	75

The ICPR model configuration remains like the Existing Condition but includes the CN and Time of Concentration changes for determining the peak flow increments between EC and PC scenarios.

4.4.2.1 Salinas Site - PC

In the Proposed Condition, the Salinas Site, the ICPR model has the same hydrologic systems configuration as the Existing Condition. Therefore, Table 4-12 summarizes the resulting peak flows for each sub-basin for all studied recurrences and the simulation with the maximum peak.

The maximum inflow at the outlet nodes N-S6-OUT (Salinas System 1) and N-S7-OUT (Salinas System 2) represents the peak flows at the outlet of each hydrologic system. For the Proposed Condition (PC), the results for a 100-yr storm event at the outlet nodes N-S6-OUT (Salinas System 1) and N-S7-OUT (Salinas System 2), the resulting peak discharges were 3,625.1cfs and 1,808.4cfs, respectively (See Table 4-13). Appendix J shows the location of retention areas.



Table 4-12 Sub-Basin Peak Flow Summary Results - Salinas Site PC

	B-S1		B-S2	
Tr	Flow Max (cfs)	Simulation	Flow Max (cfs)	Simulation
100	381.3	100yr-1hr-90%	422.6	100yr-6hr-10%
50	335.7	50yr-1hr-90%	350.9	50yr-6hr-10%
25	290.5	25yr-1hr-90%	283.9	25yr-6hr-10%
10	231.4	10yr-1hr-90%	204.1	10yr-6hr-10%
5	189.4	5yr-1hr-90%	152.3	5yr-24hr-90%
2	136.7	2yr-1hr-90%	96.0	2yr-24hr-90%
	B-S3		B-S4	
Tr	Flow Max (cfs)	Simulation	Flow Max (cfs)	Simulation
100	124.7	100yr-1hr-90%	63.1	100yr-1hr-90%
50	108.2	50yr-1hr-90%	55.5	50yr-1hr-90%
25	91.9	25yr-1hr-90%	48.0	25yr-1hr-90%
10	71.0	10yr-1hr-90%	38.0	10yr-1hr-90%
5	56.3	5yr-1hr-90%	31.0	5yr-1hr-90%
2	38.2	2yr-1hr-90%	22.1	2yr-1hr-90%
	B-S5		B-S6	
Tr	Flow Max (cfs)	Simulation	Flow Max (cfs)	Simulation
100	164.2	100yr-1hr-90%	85.4	100yr-6hr-10%
50	145.0	50yr-1hr-90%	72.1	50yr-6hr-10%
25	126.0	25yr-1hr-90%	59.5	25yr-6hr-10%
10	100.9	10yr-1hr-90%	44.3	10yr-6hr-10%
5	83.0	5yr-1hr-90%	33.8	5yr-6hr-10%
2	60.5	2yr-1hr-90%	21.2	2yr-6hr-10%
	B-S7		B-OFF-S1	
Tr	Flow Max (cfs)	Simulation	Flow Max (cfs)	Simulation
100	1,078.8	100yr-6hr-10%	3,057.6	100yr-6hr-10%
50	908.8	50yr-6hr-10%	2,597.1	50yr-6hr-10%
25	748.0	25yr-6hr-10%	2,160.3	25yr-6hr-10%
10	553.9	10yr-6hr-10%	1,628.7	10yr-6hr-10%
5	420.8	5yr-6hr-10%	1,260.1	5yr-6hr-10%
2	261.8	2yr-6hr-10%	877.4	2yr-1hr-90%
	B-OFF-S2		B-OFF-S3	
Tr	Flow Max (cfs)	Simulation	Flow Max (cfs)	Simulation
100	47.5	100yr-1hr-90%	177.0	100yr-1hr-90%
50	42.3	50yr-1hr-90%	154.1	50yr-1hr-90%
25	37.1	25yr-1hr-90%	131.7	25yr-1hr-90%
10	30.2	10yr-1hr-90%	102.8	10yr-1hr-90%
5	25.2	5yr-1hr-90%	82.5	5yr-1hr-90%
2	18.8	2yr-1hr-90%	57.3	2yr-1hr-90%
	B-OFF-S4			
Tr	Flow Max (cfs)	Simulation		
100	181.6	100yr-1hr-90%		
50	156.2	50yr-1hr-90%		
25	131.5	25yr-1hr-90%		
10	99.8	10yr-1hr-90%		
5	78.0	5yr-1hr-90%		
2	51.4	2yr-1hr-90%		

Table 4-13 Maximum peak flow for outlet structure results – Salinas Site PC

Tr	N-S6-OUT		N-S7-OUT	
	Max Inflow (cfs)	Simulation	Max Inflow (cfs)	Simulation
100	3,625.1	100yr-6hr-10%	1,808.4	100yr-6hr-10%
50	3,073.5	50yr-6hr-10%	1,533.2	50yr-6hr-10%
25	2,550.8	25yr-6hr-10%	1,236.9	25yr-6hr-10%
10	1,915.3	10yr-6hr-10%	903.2	10yr-6hr-10%
5	1,476.0	5yr-6hr-10%	675.7	5yr-6hr-10%
2	946.0	2yr-6hr-10%	418.1	2yr-24hr-90%

According to hydrologic results, the onsite basins, including PV panels and the recalculated CN, have a small runoff discharge increment depending on the storm event. This increment is due to the increment in CN values compared to the existing condition. Appendix P includes the printout report of the ICPR input parameters and results for the Proposed Condition scenario.

Table 4-14 Comparison between EC and PC results Onsite Basins – Salinas Site

Tr	EC Max (cfs)	PC Max (cfs)	EC vs PC (cfs)	EC Max (cfs)	PC Max (cfs)	EC vs PC (cfs)
	B-S1			B-S2		
100	377.9	381.3	3.4	401.8	422.6	20.8
50	332.6	335.7	3.1	332.1	350.9	18.8
25	287.8	290.5	2.7	267.1	283.9	16.8
10	229.0	231.4	2.4	194.9	204.1	9.2
5	187.6	189.4	1.8	147.0	152.3	5.3
2	135.5	136.7	1.2	91.2	96.0	4.8
	B-S3			B-S4		
100	118.9	124.7	5.8	63.1	63.1	0
50	102.7	108.2	5.5	55.5	55.5	0
25	86.9	91.9	5.0	48.0	48.0	0
10	66.4	71.0	4.6	38.0	38.0	0
5	52.2	56.3	4.1	31.0	31.0	0
2	34.8	38.2	3.4	22.1	22.1	0
	B-S5			B-S6		
100	163.7	164.2	0.5	81.6	85.4	3.8
50	144.6	145	0.4	68.6	72.1	3.5
25	125.5	126	0.5	56.3	59.5	3.2
10	100.5	100.9	0.4	41.5	44.3	2.8
5	82.7	83	0.3	31.4	33.8	2.4
2	60.3	60.5	0.2	19.4	21.2	1.8
	B-S7					
100	1,032.90	1,078.80	45.9			
50	862.5	908.8	46.3			
25	706.1	748	41.9			
10	517.8	553.9	36.1			
5	389.5	420.8	31.3			
2	243	261.8	18.8			

Table 4-15 Comparison between EC and PC results System Outlets – Salinas Site

Tr	EC Max (cfs)	PC Max (cfs)	EC vs PC (cfs)	EC Max (cfs)	PC Max (cfs)	EC vs PC (cfs)
	N-S6-OUT			N-S7-OUT		
100	3,619.7	3,625.1	5.4	1,735.3	1,808.4	73.1
50	3,068.7	3,073.5	4.8	1,481.7	1,533.2	51.5
25	2,546.5	2,550.8	4.3	1,168.3	1,236.9	68.6
10	1,911.7	1,915.3	3.6	846.1	903.2	57.1
5	1,473.0	1,476.0	3.0	636.1	675.7	39.6
2	943.8	946.0	2.2	400.7	418.1	17.4

Because of a runoff peak discharge increment, a storage retention system is required to avoid an increase in runoff volume at each system outlet. Retention is recommended as a combined strategy to mitigate the runoff increase and promote infiltration at the site to help the aquifer recharge. The detention systems will provide the necessary storage to attenuate the peak runoff so that the pre-development condition discharge will not be surpassed.

According to the proposed condition design data, the stormwater management strategy is focused on incorporating small shallow retention zones of a maximum depth of about 1.0-ft. Therefore, after computing the estimated volume increase, Table 4-16 shows the recommended retention area in each basin for the Salinas site.

Table 4-16 Rainfall Volume EC vs PC and Required Storage – Salinas Site

Basin	Rainfall Excess Volume [ft ³]		EC vs PC (ft ³)	EC vs PC (acre-ft)	Req. Area (m ²) 1-ft max depth
	EC	PC			
B-S1	3,442,361	3,442,361	0	0.0	-
B-S2	4,413,998	4,530,164	116,166	2.7	10,792
B-S3	947,928	959,361	11,433	0.3	1,062
B-S4	358,763	358,763	0	0.0	-
B-S5	985,525	985,525	0	0.0	-
B-S6	925,230	946,016	20,786	0.5	1,931
B-S7	12,651,465	12,941,929	290,464	6.7	26,985

Increases in runoff volume require a retention system, for the Salinas site, retention areas planned to hold a maximum water depth of one foot are located in B-S2 (10,792m²), B-S3 (1,062m²), B-S6 (1,931m²) and B-S7 (28,985m²).



4.4.2.2 Guayama Site - PC

In the Proposed Condition, the Guayama Site, the ICPR model has the same hydrologic systems configuration as the Existing Condition. Therefore, Table 4-17 summarizes the resulting peak flows for each sub-basin for all studied recurrences and the simulation with the maximum peak.

The maximum inflow at the outlet nodes N-G1-OUT (Guayama System 1) and N-G3-OUT (Guayama System 2) represents the peak flows for each hydrologic system of the Guayama Site. For the Proposed Condition (PC), Table 4-17 shows the results summary of all analyzed events for nodes N-G1-OUT and N-G3-OUT. The resulting peak discharges for the 100-yr event were 1,229.5cfs and 6,000.3cfs for the Guayama system 1 and 2, respectively. Appendix P includes the printout report of the ICPR input parameters and results for the Proposed Condition scenario.

Table 4-17 Sub-Basin Peak Flow Summary Results - Guayama Site PC

	B-G1		B-G2	
Tr	Flow Max (cfs)	Simulation	Flow Max (cfs)	Simulation
100	1,229.5	100yr-6hr-10%	624.9	100yr-6hr-10%
50	1,038.0	50yr-6hr-10%	530.9	50yr-6hr-10%
25	856.8	25yr-6hr-10%	441.6	25yr-6hr-10%
10	637.4	10yr-6hr-10%	332.9	10yr-6hr-10%
5	486.5	5yr-6hr-10%	257.6	5yr-6hr-10%
2	305.6	2yr-6hr-10%	178.3	2yr-1hr-90%
	B-G3		B-OFF-G1	
Tr	Flow Max (cfs)	Simulation	Flow Max (cfs)	Simulation
100	214.0	100yr-6hr-10%	3,901.3	100yr-6hr-10%
50	181.1	50yr-6hr-10%	3,293.8	50yr-6hr-10%
25	149.9	25yr-6hr-10%	2,718.7	25yr-6hr-10%
10	112.0	10yr-6hr-10%	2,022.3	10yr-6hr-10%
5	85.9	5yr-6hr-10%	1,543.6	5yr-6hr-10%
2	54.5	2yr-6hr-10%	969.9	2yr-6hr-10%
	B-OFF-G2		B-OFF-G3	
Tr	Flow Max (cfs)	Simulation	Flow Max (cfs)	Simulation
100	645.4	100yr-12hr-10%	235.8	100yr-6hr-10%
50	531.2	50yr-12hr-10%	195.8	50yr-6hr-10%
25	429.2	25yr-24hr-90%	158.5	25yr-6hr-10%
10	315.5	10yr-24hr-90%	114.1	10yr-24hr-90%
5	238.5	5yr-24hr-90%	86.5	5yr-24hr-90%
2	148.5	2yr-24hr-90%	54.2	2yr-24hr-90%



B-OFF-G4		
Tr	Flow Max (cfs)	Simulation
100	826.3	100yr-12hr-10%
50	681.6	50yr-12hr-10%
25	545.3	25yr-12hr-10%
10	402.0	10yr-24hr-90%
5	304.8	5yr-24hr-90%
2	191.1	2yr-24hr-90%

Table 4-18 Maximum peak flow for outlet structure results – Guayama Site PC

N-G2C			N-G2-G3	
Tr	Max Inflow (cfs)	Simulation	Max Inflow (cfs)	Simulation
100	837.60	100yr-6hr-10%	6,547.0	100yr-6hr-10%
50	706.73	50yr-6hr-10%	5,441.0	50yr-6hr-10%
25	583.08	25yr-6hr-10%	4,408.5	25yr-6hr-10%
10	433.70	10yr-6hr-10%	3,238.7	10yr-6hr-10%
5	331.24	5yr-6hr-10%	2,395.8	5yr-6hr-10%
2	208.67	2yr-6hr-10%	1,489.3	2yr-6hr-10%
N-G1-OUT			N-G3-OUT	
Tr	Max Inflow (cfs)	Simulation	Max Inflow (cfs)	Simulation
100	1,229.5	100yr-6hr-10%	6,000.3	100yr-12hr-10%
50	1,038.0	50yr-6hr-10%	5,034.0	50yr-6hr-10%
25	856.8	25yr-6hr-10%	4,188.9	25yr-6hr-10%
10	637.4	10yr-6hr-10%	3,129.0	10yr-6hr-10%
5	486.5	5yr-6hr-10%	2,358.7	5yr-6hr-10%
2	305.6	2yr-6hr-10%	1,485.4	2yr-6hr-10%

Table 4-19 Comparison between EC and PC results Onsite Basins – Guayama Site

Tr	EC Max (cfs)	PC Max (cfs)	EC vs PC (cfs)	EC Max (cfs)	PC Max (cfs)	EC vs PC (cfs)
B-G1			B-G2			
100	1,171.90	1,229.50	57.6	612.3	624.9	12.6
50	984.9	1,038.00	53.1	519.1	530.9	11.8
25	808.6	856.8	48.2	430.7	441.6	10.9
10	595.8	637.4	41.6	323.2	332.9	9.7
5	450.4	486.5	36.1	248.9	257.6	8.7
2	277.5	305.6	28.1	163.6	178.3	14.7
B-G3						
100	213.1	214	0.9			
50	180.3	181.1	0.8			
25	149.2	149.9	0.7			
10	111.5	112	0.5			
5	85.5	85.9	0.4			
2	54.2	54.5	0.3			

Table 4-20 Comparison between EC and PC System Outlets – Guayama Site

Tr	EC Max (cfs)	PC Max (cfs)	EC vs PC (cfs)	EC Max (cfs)	PC Max (cfs)	EC vs PC (cfs)
	N-G2C			N-G2-G3		
100	828.5	837.6	9.10	6,540.20	6,547.00	6.80
50	698	706.73	8.73	5,446.50	5,441.00	-5.50
25	574.7	583.08	8.38	4,408.80	4,408.50	-0.30
10	426.1	433.7	7.60	3,237.90	3,238.70	0.80
5	324.3	331.24	6.94	2,391.70	2,395.80	4.10
2	202.8	208.67	5.87	1,486.00	1,489.30	3.30
	N-G1-OUT			N-G3-OUT		
100	1,171.90	1,229.50	57.60	5,998.60	6,000.30	1.70
50	984.9	1,038.00	53.10	5,033.60	5,034.00	0.40
25	808.6	856.8	48.20	4,187.50	4,188.90	1.40
10	595.8	637.4	41.60	3,125.80	3,129.00	3.20
5	450.4	486.5	36.10	2,355.20	2,358.70	3.50
2	277.5	305.6	28.10	1,482.00	1,485.40	3.40

Because of a runoff peak discharge increment, a storage retention system is required to avoid an increase in runoff volume at each system outlet. Retention is recommended as a combined strategy to mitigate the runoff increase and promote infiltration at the site to help the aquifer recharge. The detention systems will provide the necessary storage to attenuate the peak runoff so that the pre-development condition discharge will not be surpassed.

According to the proposed condition design data, the stormwater management strategy is focused on incorporating small shallow retention zones of a maximum depth of about 1.0-ft. Therefore, after computing the estimated volume increase, Table 4-21 shows the recommended detention area in each basin for the Salinas site.

Table 4-21 Rainfall Volume EC vs PC and Required Storage – Guayama Site

Basin	Rainfall Excess Volume [ft3]		EC vs PC (ft3)	EC vs PC (acre-ft)	Req. Area (m2) 1-ft max depth
	EC	PC			
B-G1	14,133,359	14,450,882	317,523	7.3	29,499
B-G2	6,212,471	6,276,953	64,482	1.5	5,991
B-G3	2,502,843	2,502,843	0	0.0	-

Increases in runoff volume require a retention system, for the Guayama site, retention areas planned to hold a maximum water depth of one foot are located in B-G1 (29,499m2) and B-G2 (5,991m2). Appendix J shows the location of retention areas.

5 CONCLUSIONS AND RECOMMENDATIONS

The hydrologic analysis determined the stormwater runoff for the Project Site under Existing Conditions (EC) and for the Proposed (PC) conditions considering the Photovoltaic (PV) project development. The following conclusions and recommendations results from the analyses:

- The addition of solar panels over a grassy field does not considerably affect the volume of runoff, the peak discharge, or the Time to peak (Cook-MacCuen, 2013).
- Although this is a single project, this report presents the analyses and results designating the Project site as the Salinas and Guayama sites according to the municipality where it is located.
- In this preliminary analysis, the land use for the PV panels area was considered grassland herbaceous, maintaining the existing road accesses as dirt road cover.
- According to the Federal Emergency Management Agency (FEMA) Flood Hazard Insurance Rate Map (FIRM) panel 72000C2105J, effective November 18, 2009, two areas are shown in flood Zone A (area subject to the 100-yr flood), one to the southwest at the east limit of the Salinas site near the PR-706 (Aguas Verdes Creek) and one to the southeast limit of the Guayama site (Seco River floodplain).
- According to existing condition topography, Salinas's site was subdivided into seven (7) sub-drainage areas: B-S1, B-S2, B-S3, B-S4, B-S5, B-S6, and B-S7. The Guayama's site was subdivided into three (3) sub-drainage areas: B-G1, B-G2, and B-G3. Table 4-2 and Table 4-3 summarizes the studied basin areas distribution. Appendix J shows the watershed limits map.
- The Proposed Condition (PC) runoff distribution maintains the same drainage areas and discharge locations as the Existing Condition.
- According to hydrologic results, all nodes have a small runoff discharge increment. This increment is due to the increment in CN values compared to the Existing Condition.
- For managing the 100-yr outflow increment for the Project, retention zones are required where runoff volume increases.
- The recommended retention zones can divided into small shallow zones (1-ft max depth) within the corresponding sub-basin. Providing shallow retention areas allows the

installation and operation of PV panels, although they may be flooded temporarily during storm events. The berms of the proposed service roads will delimit retention areas within the delineated sub-basins for the Proposed Condition.

- For the Salinas site, retention areas to hold a maximum water depth of one foot shall be located in B-S2 (10,792m²), B-S3 (1,062m²), B-S6 (1,931m²), and B-S7 (28,985m²). If it is possible to use the existing pond in basin S7, it can be used as a retention area for the runoff volume for B-S2 and B-S7. Appendix J shows the watershed limits map and the potential location of retention areas.
- For the Guayama site, retention areas to hold a maximum water depth of one foot shall be located in B-G1 (29,499m²) and B-G2 (5,991m²). Appendix J shows the watershed limits map and the potential location of retention areas.
- The stormwater system design shall be based on the drainage areas established in this report under proposed conditions and outflow locations.
- In addition to controlling and managing the increase in runoff volume, the recommended retention areas have a dual purpose: they promote infiltration and aquifer recharge.
- The proposed Project provides stormwater retention areas where typically slow infiltration occurs. For this reason, the recommended ponding areas add time for stormwater infiltration, improving the current aquifer recharge chances.
- This study recognizes the importance of preserving and maintaining undisturbed the existing irrigation channels during the construction and operation of the proposed Project. Therefore, the recommended stormwater management strategies and the retention areas will be placed outside the perimeter of the irrigation channels.
- It can be concluded that if all the assumptions and recommendations provided in this report are fulfilled, the proposed Project shall be in compliance with the stormwater management requirements of the current PRPB Joint Permit, the applicable requirements of the "Guías para la Eleboración de Estudios HH" (JPPR-2016), and the PRPB Regulation No.40 (2023).



6 CERTIFICATION

I hereby certify that the information included on this report was performed using the best engineering practices applicable to the Project as described herein and based on field observations.

Related to this report, I certify that to the best of my knowledge, the information included on this document is truthful, correct, and complete.

Oscar H. Martínez Pinilla, MECE, PE

Lic. 20708

7 REFERENCES

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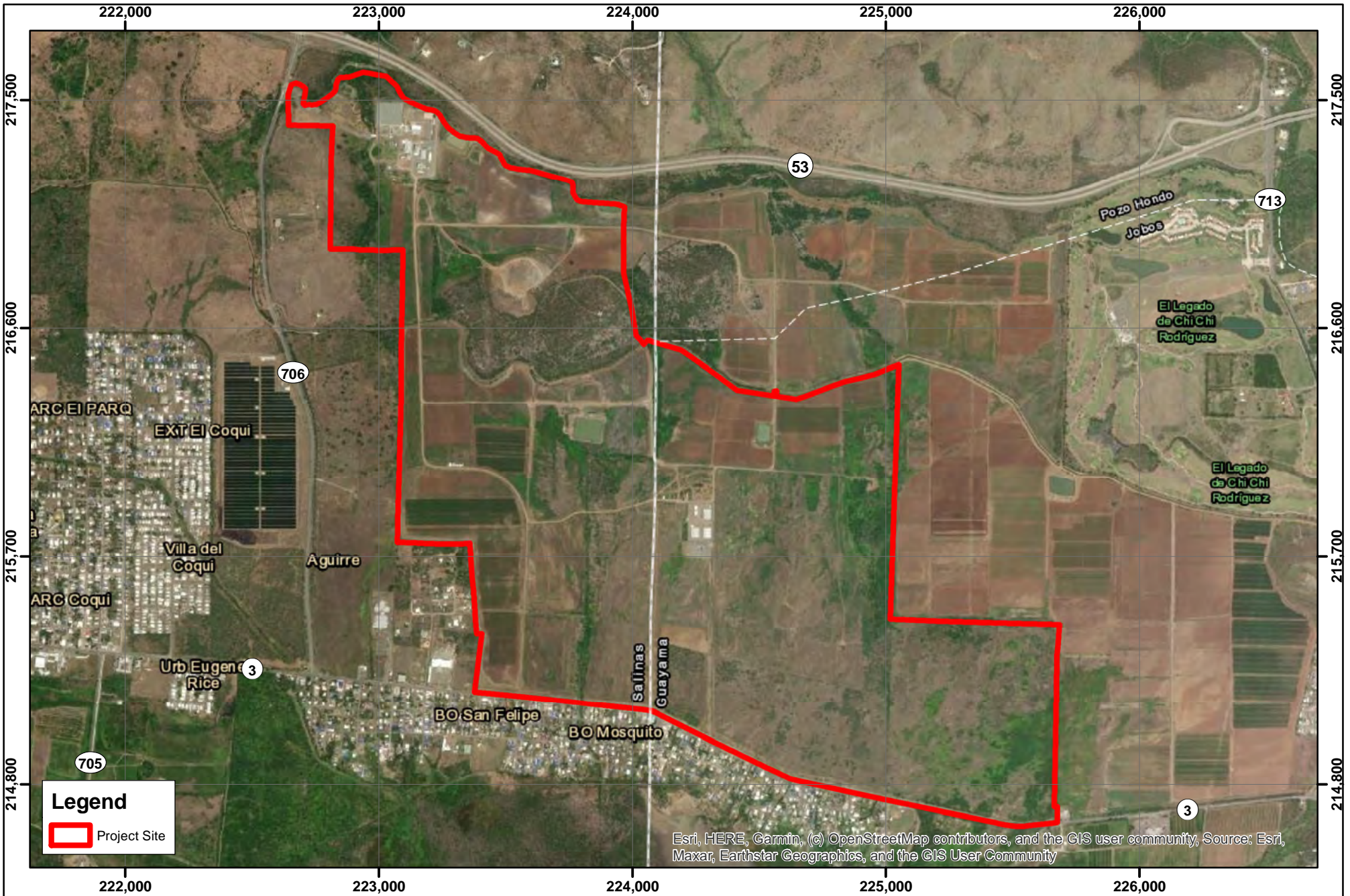


8 APPENDICES

Appendix A: Project Location on Aerial Photo	A
Appendix B: Project Property Areas Allocation by Municipality	B
Appendix C: Location Map over USGS Quadrangle	C
Appendix D: Proposed Site Plan	D
Appendix E: Topographic Field Survey	E
Appendix F: Topographic Contours Map over Aerial Photo	F
Appendix G: Existing Waterbodies over Aerial Photo	G
Appendix H: FEMA FIRM-09 & FEMA ABFE Maps	H
Appendix I: Precipitation Data	I
Appendix J: Watershed Limits	J
Appendix K: Historical Aerial Photos	K
Appendix L: Land Cover & Soil Type Maps	L
Appendix M: CN-Calculation Sheets	M
Appendix N: Time of Concentration Calculation for EC and PC	N
Appendix O: Existing Condition ICPR Report	O
Appendix P: Proposed Condition ICPR Report	P



Appendix A: Project Location on Aerial Photo



Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Coordinate System: NAD 1983 StatePlane Puerto Rico Virgin Islands FIPS 5200 | Units: Meter

1:20,000



Aerial Photo

AES-Salinas - Salinas, P.R.

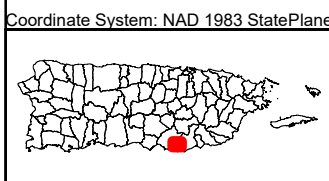
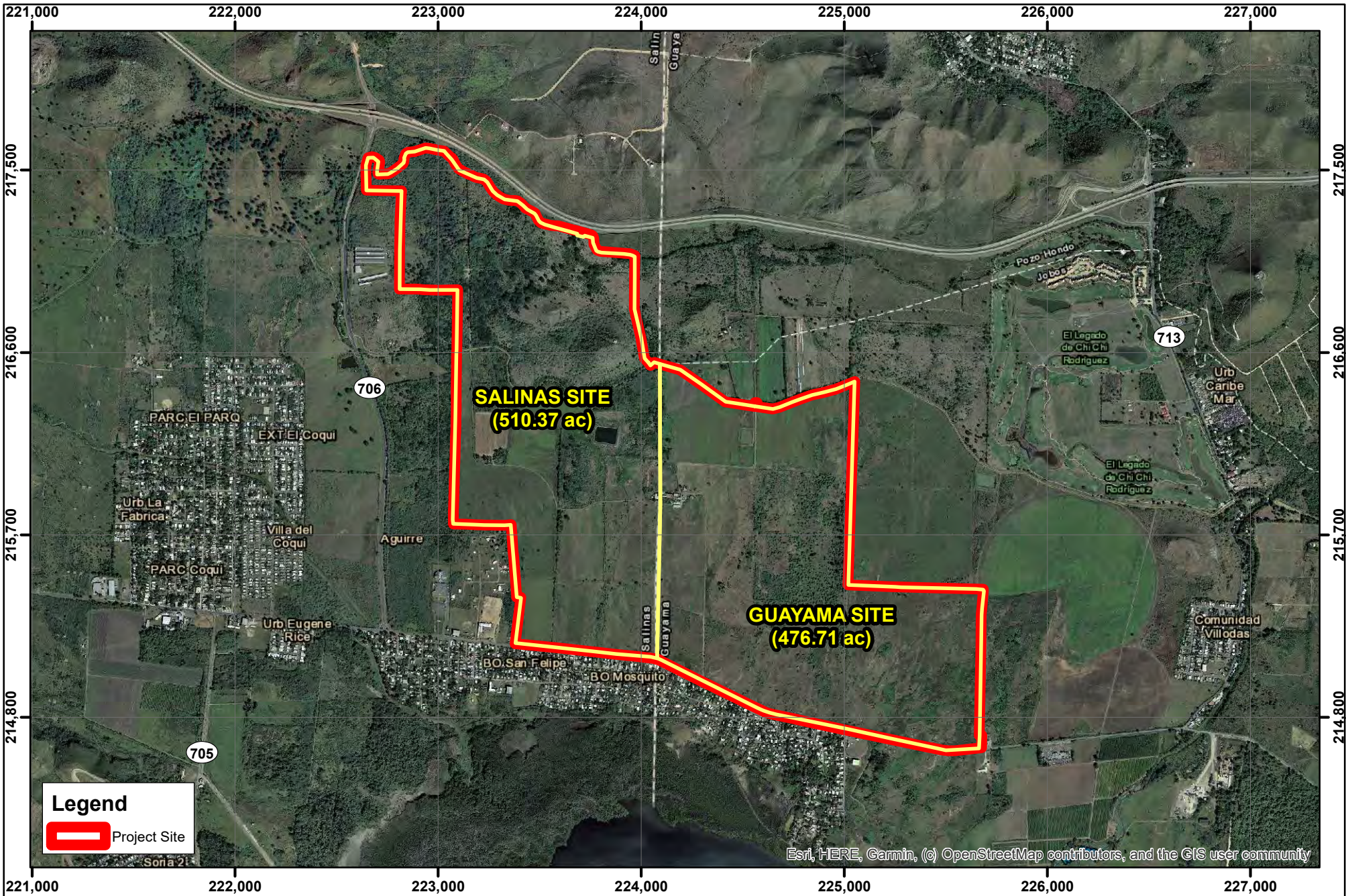


Date: 9/26/2022





Appendix B: Project Property Areas Allocation by Municipality



Project Site Allocation by Municipality

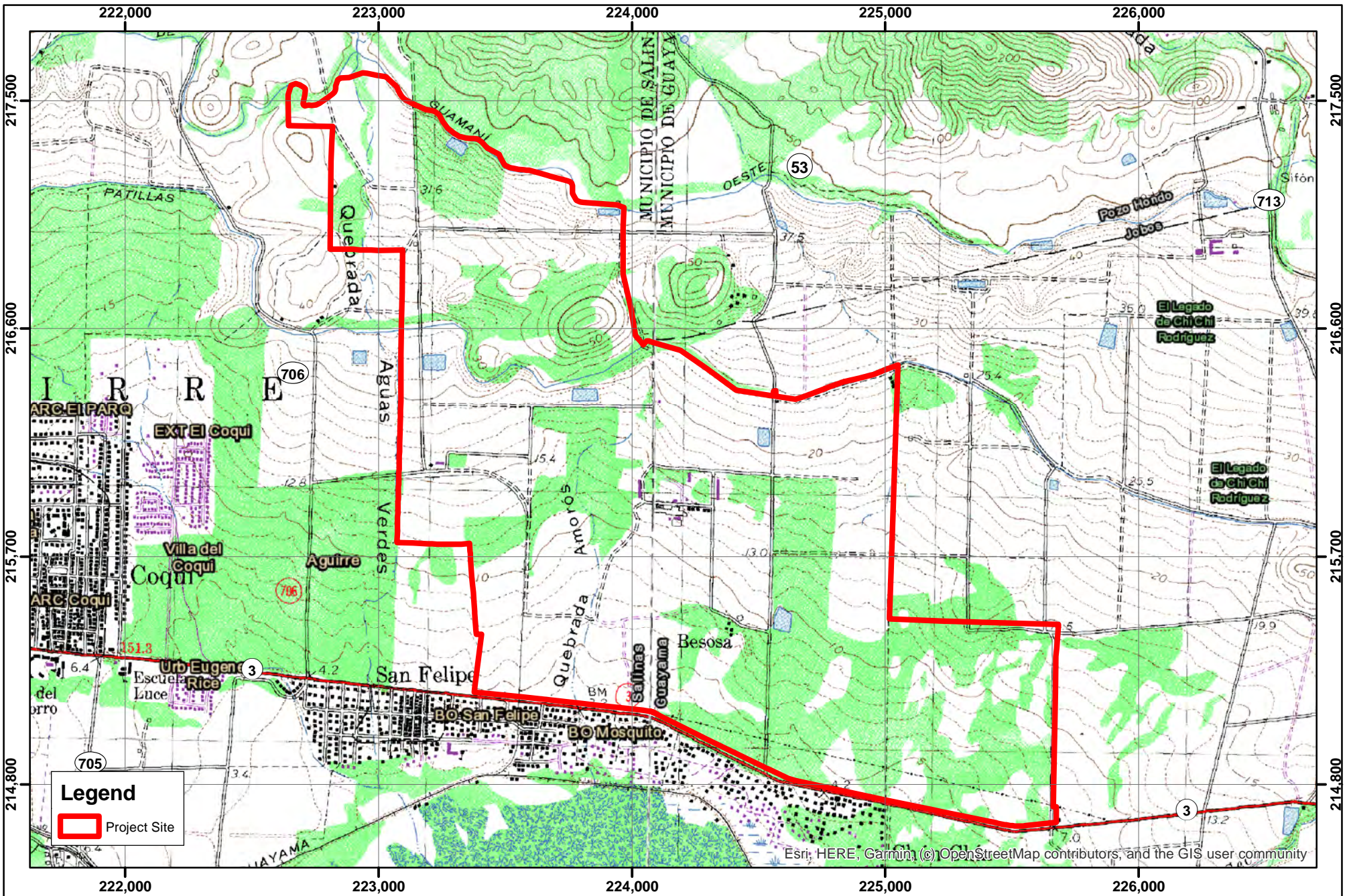
AES-Salinas - Salinas, P.R.

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Date: 11/16/2022



Appendix C: Location Map over USGS Quadrangle




Legend

 Project Site

Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS user community

Coordinate System: NAD 1983 StatePlane Puerto Rico Virgin Islands FIPS 5200 | Units: Meter

1:20,000  640 320 0 640 Meters



Location Map

AES-Salinas - Salinas, P.R.



Date: 9/26/2022



Appendix D: Proposed Site Plan

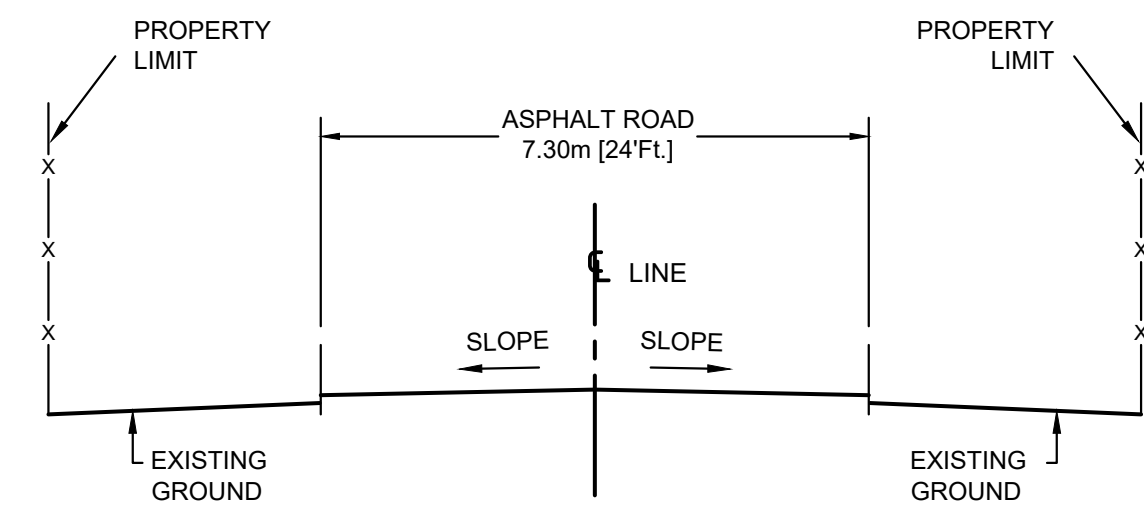
PROPOSED PROJECT SITE
MAIN ENTRANCE

WEST GUAMANI CHANNEL TO
BE PRESERVED (P.R.E.P.A.)

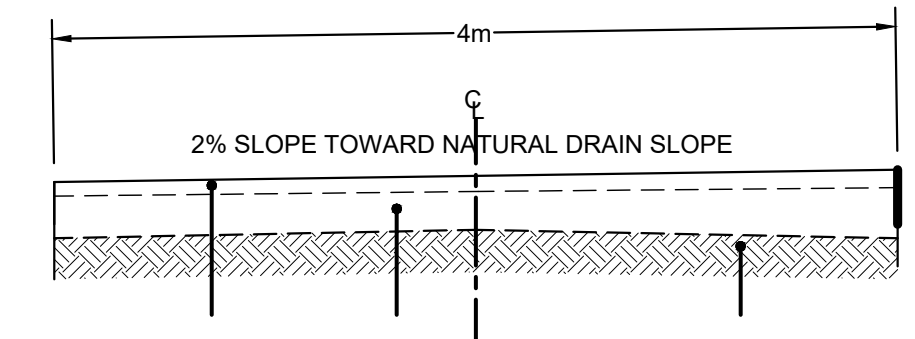


LEGEND

- | | | | | | |
|--|-------------------|--|----------------------------|--|----------------------|
| | CONTROL STATION | | SIGN | | PROPERTY LINE |
| | CATCH BASINS | | SPOT ELEVATIONS | | CONCRETE GUTTER |
| | TELEPHONE POLE | | EXISTING STRUCTURES | | STORM SEWER LINE |
| | WOODEN POWER POLE | | CONTOUR 1 METER INTERVAL | | TELEPHONE LINE |
| | KM ID | | CONTOUR 0.5 METER INTERVAL | | POWER LINE |
| | GATE | | | | CHAIN LINK FENCE |
| | 100YR FLOODPLAIN | | WETLAND AREA | | TO BE PRESERVED |
| | 500YR FLOODPLAIN | | AREA FOR SOLAR PANEL | | TRANSFORMER-INVERTER |



PR-3 TYPICAL HALF SECTION
NO TO SCALE



MAINTENANCE ROAD DETAIL
NTS

- 1 0.10m COMPACTED GRAVEL (ALLOW 2" FOR RUTTING)
- 2 0.30m AGGREGATE BASE COURSE (A-1-A) COMPACTED @ 95%
- 3 TERRAGRIB B100 or APPROVED EQUAL FROM STA 0+60 TO STA 4+60

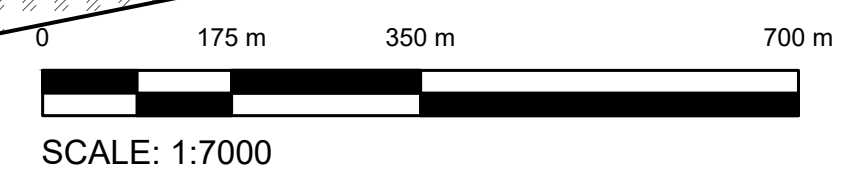
MATCHLINE CI-101.1
CI-101.2

MATCHLINE CI-101.4

MATCHLINE CI-101.2
CI-101.3

MATCHLINE CI-101.4
CI-101.5

PROPOSED SITE PLAN
SCALE= 1:7000



SCALE: 1:7000

YO, CERTIFICADO QUE SOY EL PROFESIONAL QUE
(CONFECCION, USAR O PREPARAR) ESTOS PLANOS Y LAS
ESPECIFICACIONES COMPLEMENTARIAS, TAMBIEN CERTIFICADO
QUE ENTENDO QUE DICHOS PLANOS Y ESPECIFICACIONES
CUMPLEN CON LAS DISPOSICIONES APPLICABLES DEL
REGLAMENTO CONSULTIVO Y LAS DISPOSICIONES APPLICABLES
DE LOS REGLAMENTOS Y CODIGOS DE CONSTRUCCION,
RENTAS DE LAS AGENCIAS, JUNTAS REGULATORIAS O
CORPORACIONES PUBLICAS CON JURISDICCION, CERTIFICADO,
ADICIONAL, QUE EN LA PREPARACION DE ESTOS PLANOS Y
ESPECIFICACIONES SE HA CUMPLIDO CABALMENTE CON LO
DISPUESTO EN LA LEY NOM. 14 DE 8 DE DICIEMBRE DE 2004,
SEGUN ENMIENDADA, CONOCIDA COMO LA LEY PARA LA
INVESTIGACION POR LA INDUSTRIA FOTOFOTOGRAFICA Y CON LA
LEY NOM. 319 DE 15 DE MAYO DE 1938, SEGUN
ENMIENDADA; LEY NOM. 96 DE 6 DE JULIO DE 1978, SEGUN
ENMIENDADA; SEGUN HUBIERE RECONOCIDO QUE
CUALQUIER REGULACION FALSA O FALSIFICACION DE LOS
HECHOS QUE SE HAYA PRODUCIDO POR DESCORRETIMIENTO
O POR NEGLENCIA YA SEA POR MI, MIS AGENTES O
EMPLEADOS, O POR OTRAS PERSONAS CON MI
CONDOMINIO, ME HACEN RESPONSABLE DE CUALQUIER
ACCION JUDICIAL Y DISCIPLINARIA POR LA DOP.

PMG AND ASSOCIATES
#12 ACOSTA CAGUAS PR 00726
787.643.4761 INFO@PMGROUPLLC.COM

AES SALINAS
CARRETERA ESTATAL PR-3, BO. AGUIRE,
SALINAS, PUERTO RICO
DRAW BY: N. TORRES
CHECK BY: P. GARCIA
PLOT DATE AND TIME: 10/27/2022 11:23 AM

NO.	REVISION	DATE
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PREPARED FOR:
ADD OWNER
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GENERAL PLANS
PROPOSED SITE PLAN
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GI.101

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Appendix E: Topographic Field Survey

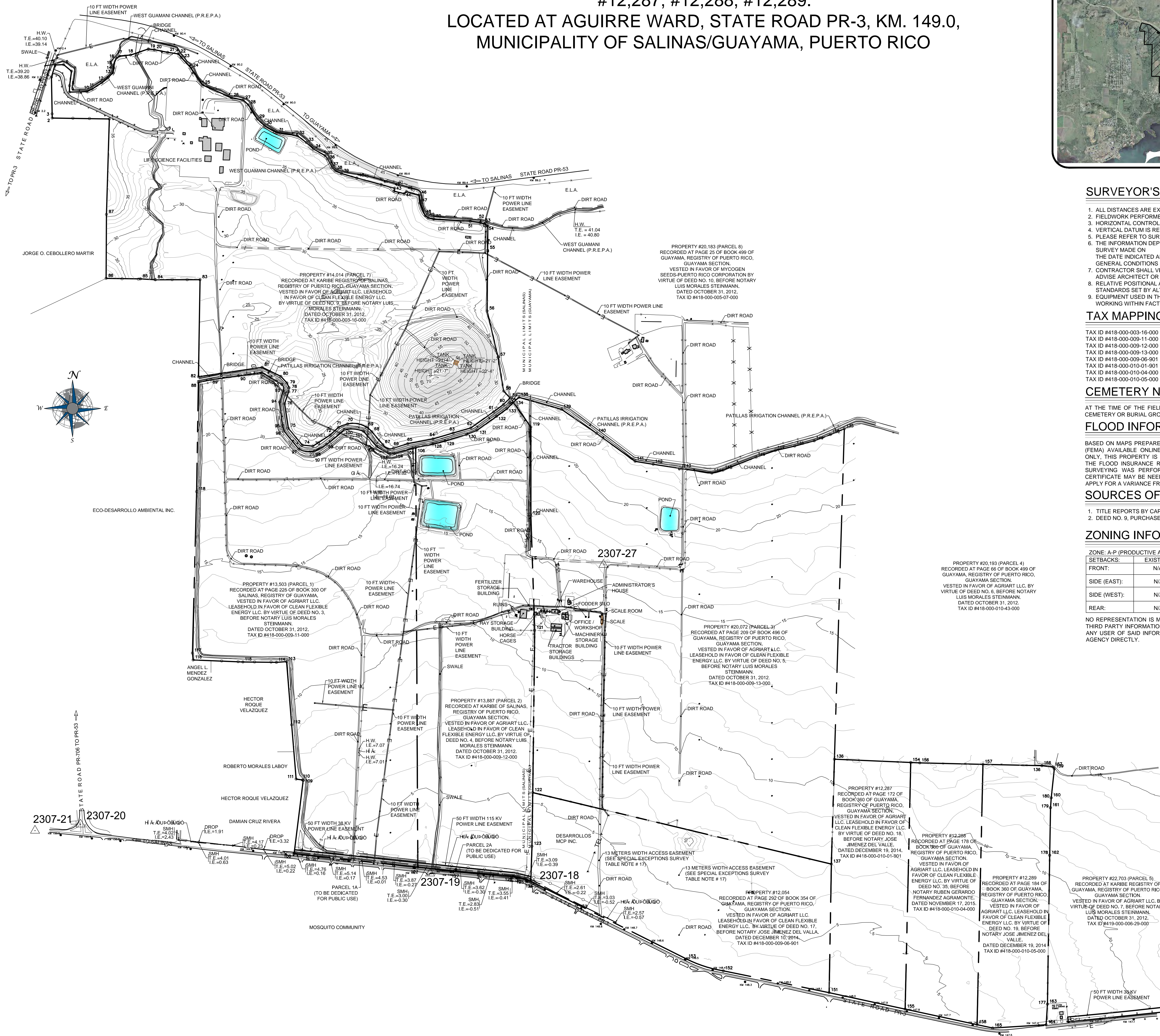
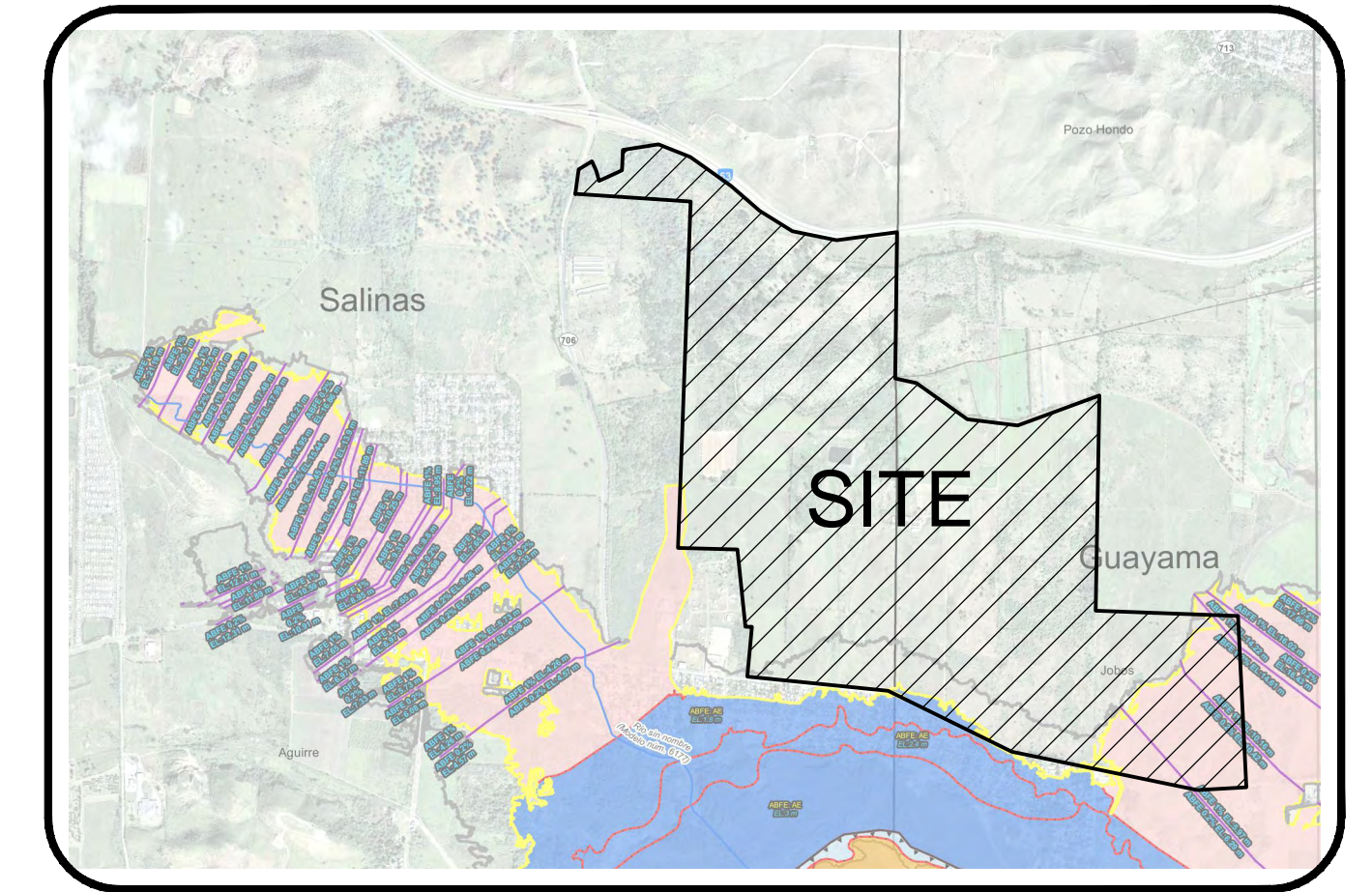
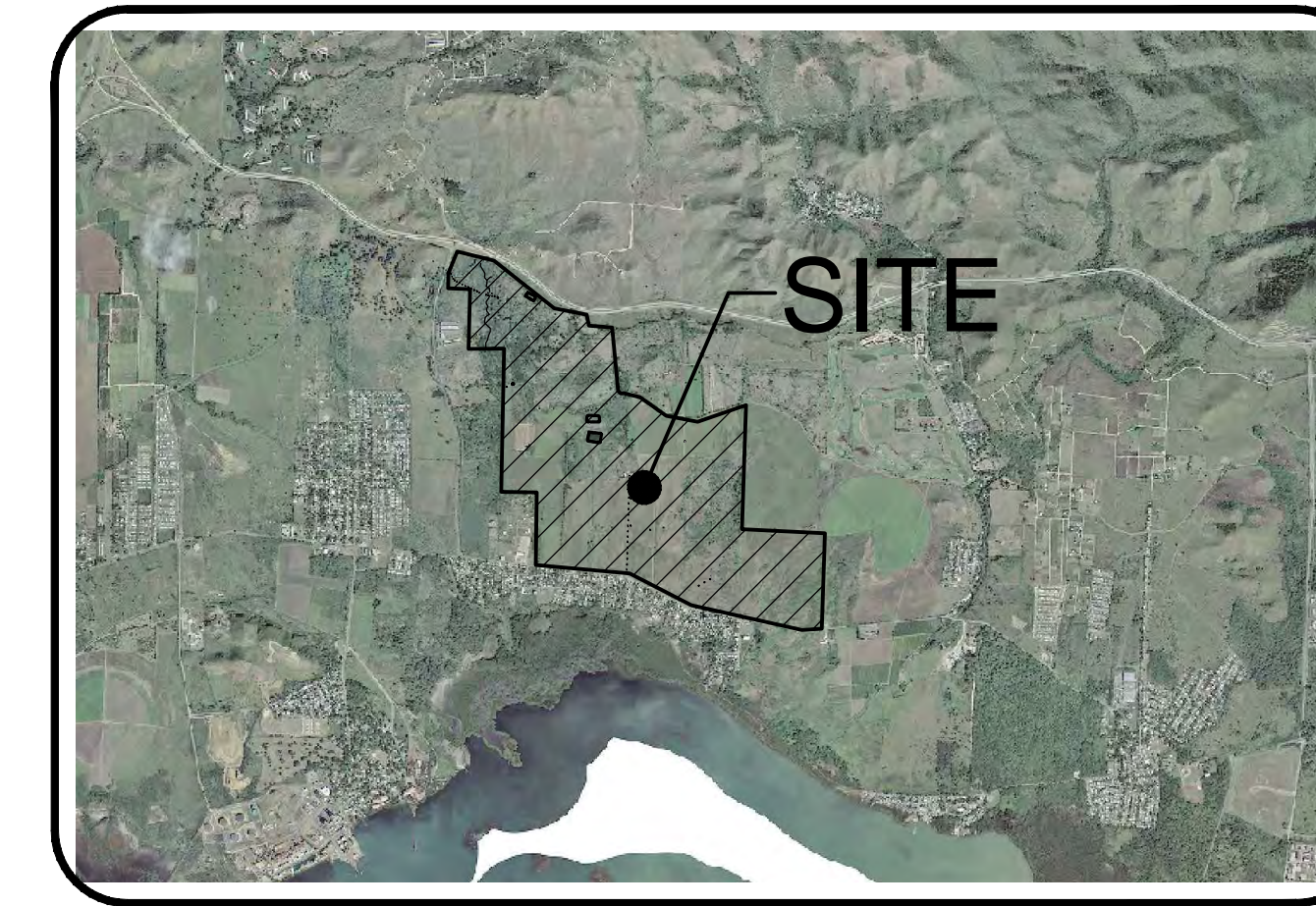
ALTA/NSPS LAND TITLE SURVEY
FOR PROPERTIES #14,014, #13,503, #13,887, #20,072, #12,054,
#12,287, #12,288, #12,289.
LOCATED AT AGUIRRE WARD, STATE ROAD PR-3, KM. 149.0,
MUNICIPALITY OF SALINAS/GUAYAMA, PUERTO RICO

VICINITY MAP

SCALE 1 : 40,000

FLOOD MAP

SCALE: NOT TO SCALE



SURVEYOR'S NOTES

1. ALL DISTANCES ARE EXPRESSED IN METERS, UNLESS OTHERWISE NOTED.
2. FIELDWORK PERFORMED ON DECEMBER 2021.
3. HORIZONTAL CONTROLS ARE REFERRED TO NAD 83 (2011) EPOCH 2010.00.
4. VERTICAL DATUM IS REFERRED TO PRVD02.
5. PLEASE REFER TO SURVEY JEB-3604.
6. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULT OF THE SURVEY MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS AN INDICATION OF THE GENERAL CONDITIONS EXISTING AT THAT TIME.
7. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND MEASUREMENTS AND ADVISE ARCHITECT OR OWNER OF ANY DIFFERENCES.
8. RELATIVE POSITIONAL ACCURACY FOR THIS PROJECT WITHIN THE MINIMUM STANDARDS SET BY ALTA AND NSPS.
9. EQUIPMENT USED IN THIS SURVEY HAS BEEN CALIBRATED AND FOUND TO BE WORKING WITHIN FACTORY TOLERANCES AND SPECIFICATIONS.

TAX MAPPING NUMBERS

TAX ID #418-000-003-16-000 (PROPERTY #14,014)
 TAX ID #418-000-009-11-000 (PROPERTY #13,503)
 TAX ID #418-000-009-12-000 (PROPERTY #13,887)
 TAX ID #418-000-009-13-000 (PROPERTY #20,072)
 TAX ID #418-000-009-06-901 (PROPERTY #12,054)
 TAX ID #418-000-010-01-901 (PROPERTY #12,287)
 TAX ID #418-000-010-04-000 (PROPERTY #12,288)
 TAX ID #418-000-010-05-000 (PROPERTY #12,289)

CEMETERY NOTE

AT THE TIME OF THE FIELD SURVEY THERE WAS NO EVIDENCE OF SITE USE AS A CEMETERY OR BURIAL GROUND.

FLOOD INFORMATION

BASED ON MAPS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) AVAILABLE ONLINE AT WWW.MSC.FEMA.GOV, AND BY GRAPHIC PLOTTING ONLY. THIS PROPERTY IS LOCATED WITHIN AN AREA HAVING DESIGNATIONS X ON THE FLOOD INSURANCE RATE MAP 72000C2105J DATED APRIL 13, 2018. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THE ACCURACY OF THE MAP AND/OR TO APPLY FOR A VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

SOURCES OF INFORMATION

1. TITLE REPORTS BY CAPITAL TITLE SERVICES, LLC, DATED JULY 21, 2021.
2. DEED NO. 9, PURCHASE AND SALE.

ZONING INFORMATION

ZONE: A-P (PRODUCTIVE AGRICULTURAL)	SETBACKS:	EXISTING:	REQUIRED:
	FRONT:	N/A	NOT LESS THAN 6 METERS
	SIDE (EAST):	N/A	NOT LESS THAN 6 METERS
	SIDE (WEST):	N/A	NOT LESS THAN 6 METERS
	REAR:	N/A	NOT LESS THAN 6 METERS

NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID THIRD PARTY INFORMATION. COMPLIANCE IS BEYOND THE SCOPE OF THIS SURVEY. ANY USER OF SAID INFORMATION IS URGED TO CONTACT THE LOCAL GOVERNING AGENCY DIRECTLY.

DESCRIPTION DATA (PROPERTY REGISTRY OF GUAYAMA)

LEASE PREMISES IS INCLUSIVE OF THE FOLLOWING RECORDED PROPERTIES DESCRIBED AS FOLLOWS:

- PROPERTY #13,503**
 PAGE: 295
 BOOK: 300 OF SALINAS, REGISTRY OF PUERTO RICO, GUAYAMA SECTION
 RECORDED AREA: 670,403.6514 SQM ±= 170,569 CDAS
 SURVEYED AREA: 721,391.2370 SQM ±= 183,515 CDAS
- PROPERTY #13,887**
 BOOK: KARIBE OF SALINAS, REGISTRY OF PROPERTY OF GUAYAMA
 RECORDED AREA: 485,101.2191 SQM ±= 123,422 CDAS
 SURVEYED AREA: 473,932.9525 SQM ±= 120,577 CDAS
- PROPERTY #12,054**
 PAGE: 209
 BOOK: 396 OF GUAYAMA, REGISTRY OF PUERTO RICO, GUAYAMA SECTION
 RECORDED AREA: 1,062,718.8768 SQM ±= 271,156 CDAS
 SURVEYED AREA: 1,075,485.2572 SQM ±= 273,628 CDAS
- PROPERTY #14,014**
 BOOK: KARIBE OF SALINAS, REGISTRY OF PROPERTY OF GUAYAMA
 RECORDED AREA: 1,117,754.5997 SQM ±= 284,3873 CDAS
 SURVEYED AREA: 889,280.4957 SQM ±= 228,2572 CDAS

STA	NORTHING	EASTING	ELEVATION (PRVD02)	DESCRIPTION
300-1	216027.184	224316.243	16.169	IRON ROD
300-2	215976.520	224311.589	15.313	IRON ROD

LEGEND

- CONTROL STATION
- CATCH BASIN
- TELEPHONE POLE
- WOODEN POWER POLE
- KM ID
- GATE
- SIGN
- SPOT ELEVATIONS
- EXISTING STRUCTURES
- CONTOUR 1 METER INTERVAL
- CONTOUR 0.5 METER INTERVAL
- PROPERTY LINE
- CONCRETE GUTTER
- STW
- TEL
- E
- POWER LINE
- CHAIN LINK FENCE
- BARBED WIRE FENCE

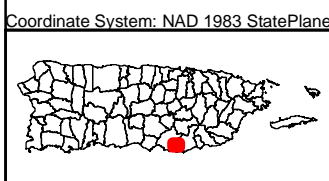
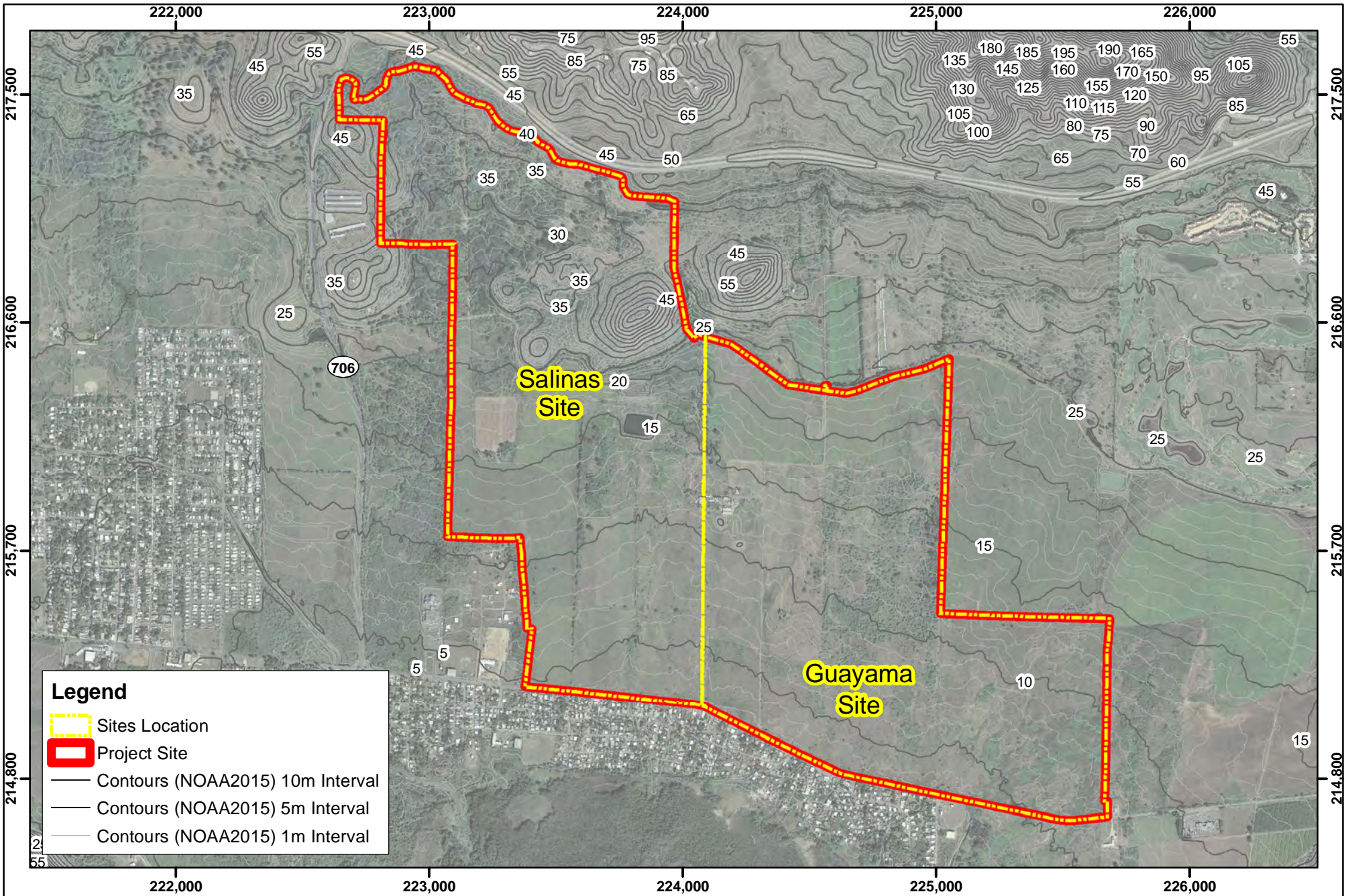
JAVIER E. BIDOT ASSOCIATES, PSC
 Land Surveyors & Consultants
 10000th St., San Juan, Puerto Rico, PR 00927
 Phone: (787) 264-9494 Fax: (787) 264-9421

Drawn by: J.P.	Survey No: JB-3604
Checked by: C. LEBRON	Field Date: JAN 11, 2022
Date:	Revision:

Copy Sent Date: JAN. 28, 2022	Prepared For: PMG & ASSOCIATES, LLC
Sheet 1 of 2	Project Name: ALTA/NSPS LAND TITLE SURVEY
Project Address: STATE ROAD PR-3, KM. 149.0 AGUIRRE WARD	Project Location: MUNICIPALITY OF SALINAS, PUERTO RICO
Job Number: JEB-3604	



Appendix F: Topographic Contours Map over Aerial Photo



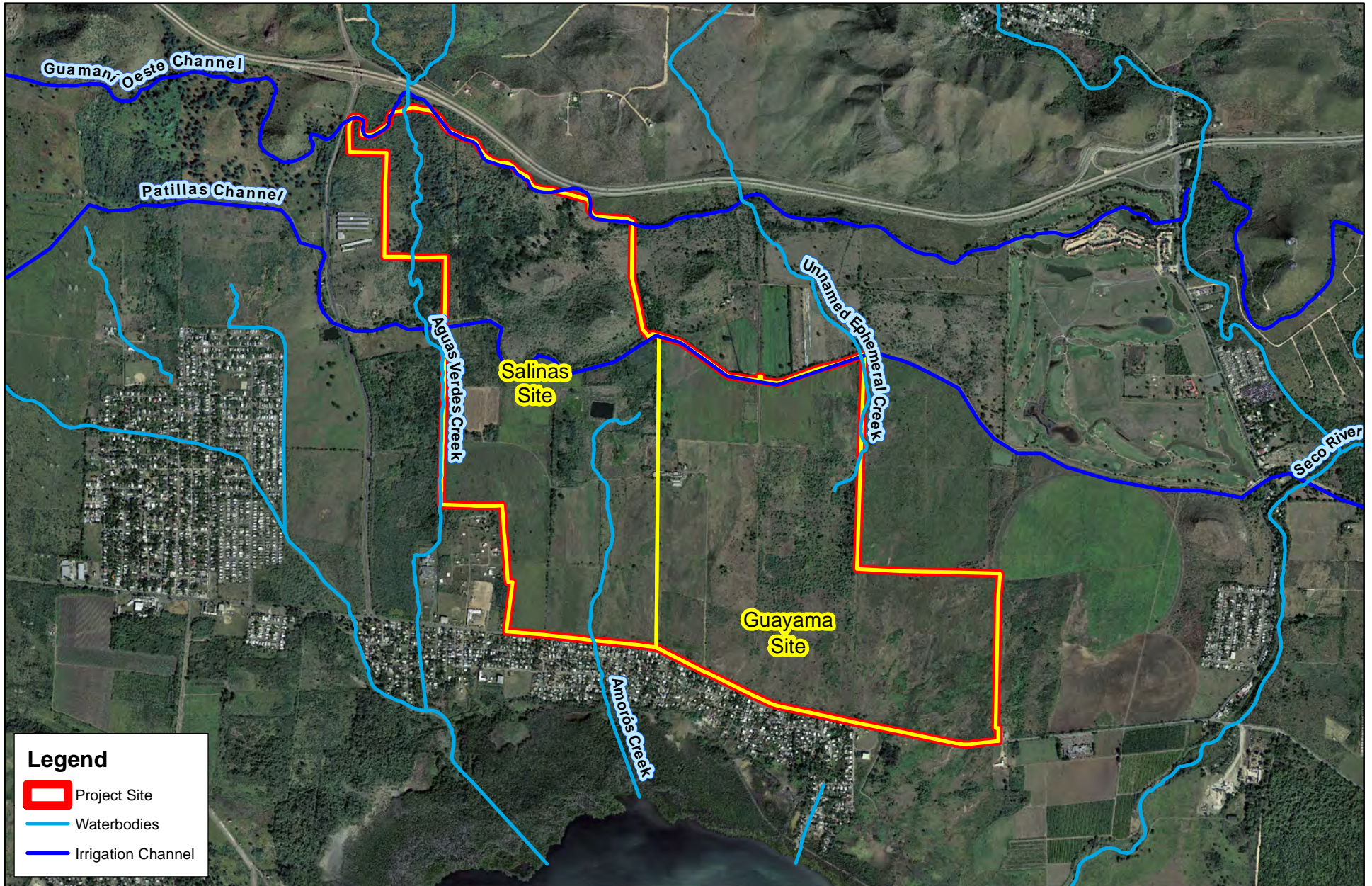
Topographic Contours Map

AES-Salinas - Salinas, P.R.






Appendix G: Existing Waterbodies over Aerial Photo

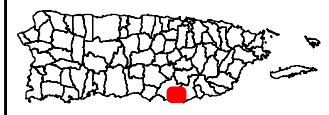


Legend

-  Project Site
-  Waterbodies
-  Irrigation Channel

Coordinate System: NAD 1983 StatePlane Puerto Rico Virgin Islands FIPS 5200 | Units: Meter

1:25,000



Existing Water Bodies Map
AES-Salinas - Salinas, P.R.



Date: 11/17/2022





Appendix H: FEMA FIRM-09 & FEMA ABFE Maps

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations converted to tenth-meter elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only to landward of 0.0m Mean Sea Level (MSL). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 19. The horizontal datum was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the Mean Sea Level. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding vertical datum, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov> or contact the National Geodetic Survey at the following address:

NGS Information Services
 NOAA, NINGS12
 National Geodetic Survey
 SSMC-3, #9202
 1315 East-West Highway
 Silver Spring, Maryland 20910-3282
 (301) 713-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

Base map information shown on this FIRM was derived from multiple sources. Digital orthophotography was mosaicked from imagery acquired by the U.S. Army Corps of Engineers, St. Louis District at one meter ground resolution flown on September 26, 2004, and imagery acquired by the Federal Emergency Management Agency at a scale of 1:1,200, flown in November 2003, February/March 2005, and January 2006.

This map reflects more detailed and up-to-date stream channel and shoreline configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel and shoreline configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the FEMA Map Service Center at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at <http://www.msc.fema.gov>.

If you have questions about this map or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov>.



This digital Flood Insurance Rate Map (FIRM) was produced with the assistance of the Puerto Rico Planning Board (PRPB, Junta de Planificación), the National Flood Insurance Program administrator for the Commonwealth of Puerto Rico. As part of this effort, PRPB, a Federal Emergency Management Agency Cooperating Technical Partner, will adopt this FIRM, once finalized, as the official flood map for the Commonwealth.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) LEGEND

11-16-1990 CBRS Areas
 FLOOD INSURANCE NOT AVAILABLE FOR STRUCTURES NEWLY BUILT OR SUBSTANTIALLY IMPROVED ON OR AFTER NOVEMBER 16, 1990, IN DESIGNATED CBRS AREAS.

11-16-1991 Otherwise Protected Area (OPA)
 FLOOD INSURANCE NOT AVAILABLE FOR STRUCTURES NEWLY BUILT OR SUBSTANTIALLY IMPROVED ON OR AFTER NOVEMBER 16, 1991, IN DESIGNATED OPAs WITHIN THE CBRS.

Boundaries of the John H. Chafee Coastal Barrier Resources System (CBRS) shown on this FIRM were transferred from the official CBRS source map(s) for this area and are depicted on this FIRM for informational purposes only. The official CBRS maps are enacted by Congress via the Coastal Barrier Resources Act, as amended, and maintained by the U.S. Fish and Wildlife Service (FWS). The official CBRS maps used to determine whether or not an area is located within the CBRS are available for download at <http://www.fws.gov>. For an official determination of whether or not an area is located within the CBRS, or for any questions regarding the CBRS, please contact the FWS field office for this area at (787) 851-7297.

LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 0.3 to 0.9 meter (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 0.3 to 0.9 meter (usually sheet flow on sloping terrain); average depths determined. For areas of allowed fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE AR9** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE
 The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS
ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 0.3 meter or with drainage areas less than 2.5 square kilometers; and areas protected by levees from 1% annual chance flood.

OTHER AREAS
ZONE X Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS
OTHERWISE PROTECTED AREAS (OPAs)

- CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- Zone AE boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Base Flood Elevation line and value; elevation in meters*
- Base Flood Elevation value where uniform within zone; elevation in meters*
- * Referenced to the Mean Sea Level
- Cross section line
- Transect line
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 76°N
- 1000-meter Universal Transverse Mercator grid values, zone NAD 1983 UTM Zone 19N
- 5000-foot grid ticks: Puerto Rico Virgin Islands State Plane coordinate system (FIPSZONE 3200), Lambert Conformal Conic projection
- Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M 1.5 River Mile

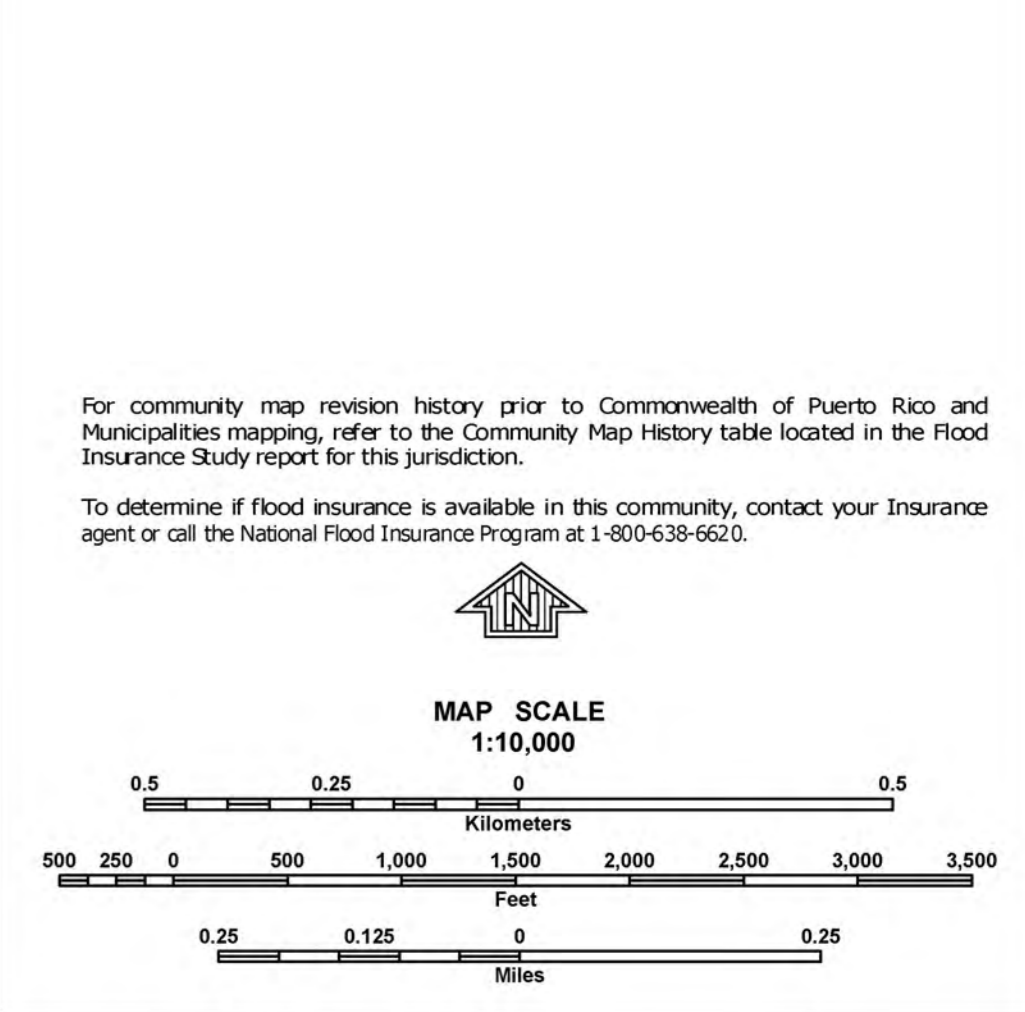
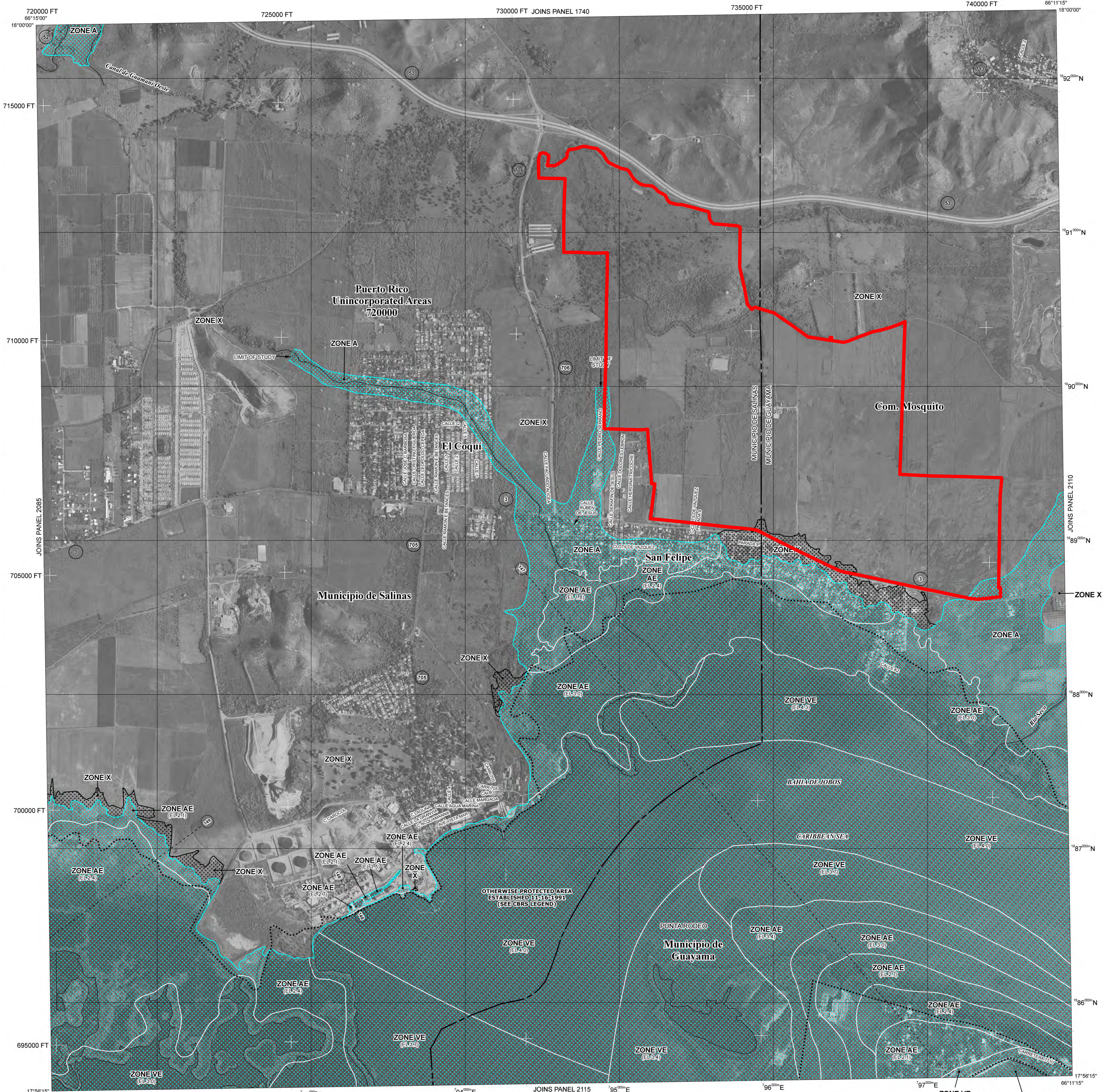
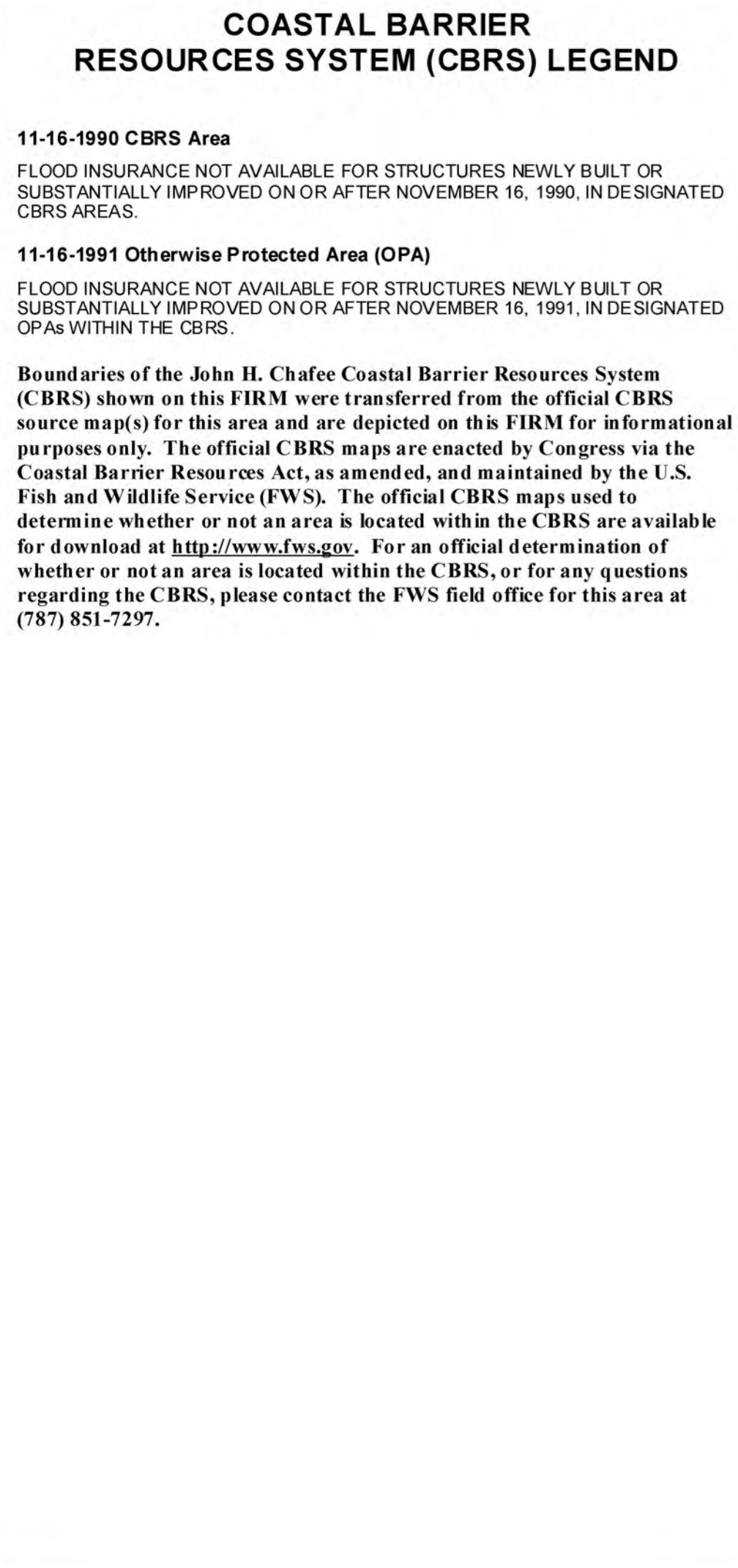
MAP REPOSITORY
 Refer to listing of Map Repositories on Map Index.
 EFFECTIVE DATE OF COMMONWEALTH OF PUERTO RICO AND MUNICIPALITIES FLOOD INSURANCE RATE MAP
 April 19, 2005
 EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

November 18, 2009 - to change Base Flood Elevations and to change Special Flood Hazard Areas.

For community map revision history prior to Commonwealth of Puerto Rico and Municipalities mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6623.

MAP SCALE
 1:10,000



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 2105J

FIRM
FLOOD INSURANCE RATE MAP
COMMONWEALTH OF PUERTO RICO AND MUNICIPALITIES

PANEL 2105 OF 2160
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

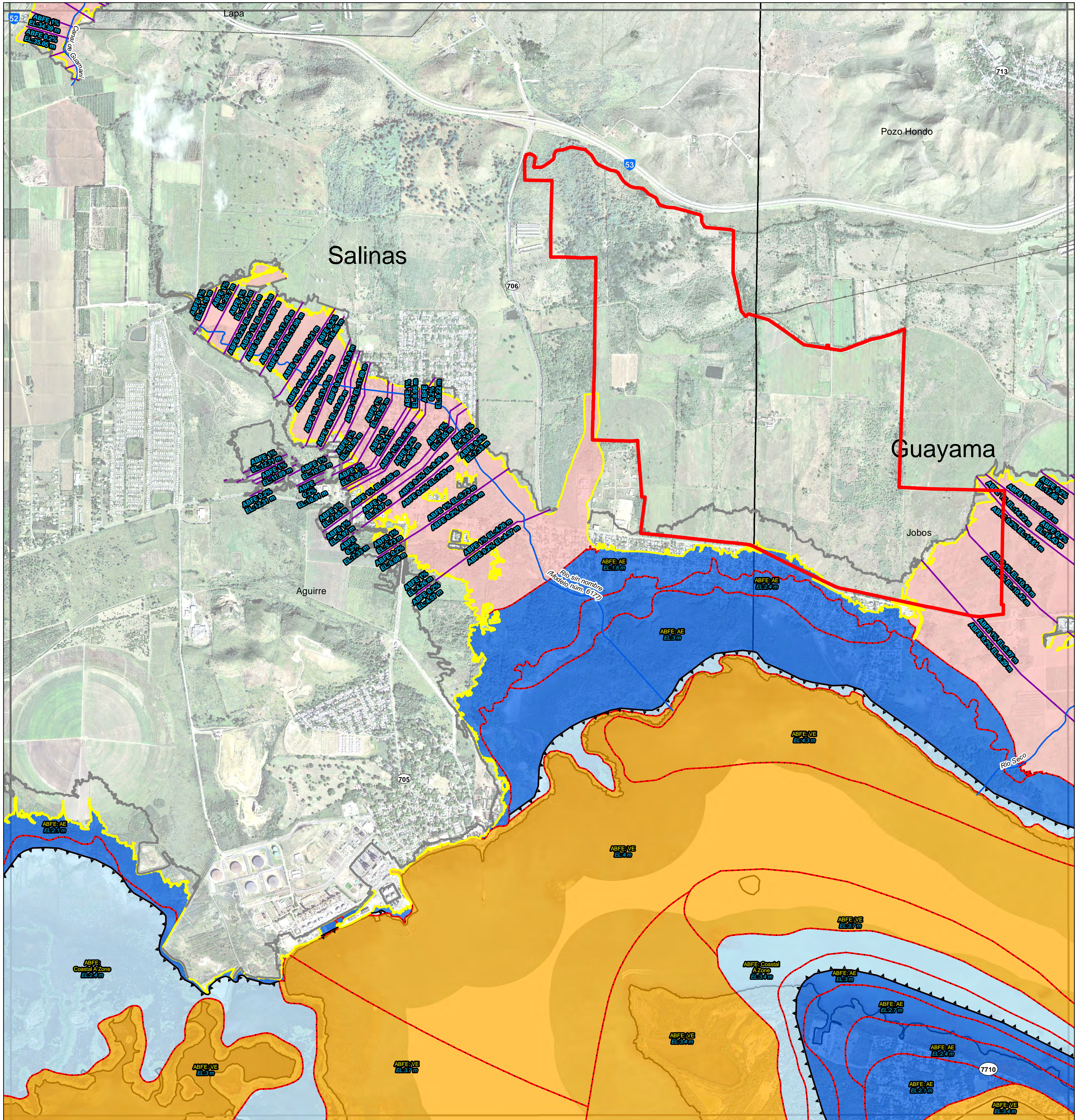
CONTAINS:
 COMMUNITY NUMBER PANEL SUFFIX
 PUERTO RICO 720000 2105 J

NOTE:
 THIS MAP INCLUDES BOUNDARIES OF THE COASTAL BARRIER RESOURCES SYSTEM ESTABLISHED UNDER THE COASTAL BARRIER RESOURCES ACT OF 1982 AND/OR SUBSEQUENT AMENDING LEGISLATION.
 Notice to User: The Map Number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
72000C2105J

MAP REVISED
NOVEMBER 18, 2009

Federal Emergency Management Agency



MAPAS DE NIVELES DE INUNDACIÓN BASE RECOMENDADOS

Estos mapas de niveles de inundación base recomendados (Advisory Maps) desarrollados por FEMA para Puerto Rico identifican que áreas se encuentran en nuevas zonas inundables recomendadas del 1% y 0.2% de probabilidad, así como niveles de inundación base recomendados (ABFE, por sus siglas en inglés) que pueden afectar las prácticas de construcción.

Como parte del esfuerzo de recuperación de la Isla, estos mapas son una herramienta para las agencias, los desarrolladores, diseñadores, técnicos de permisos de construcción, oficiales federales, estatales y municipales y dueños de propiedad, para tomar decisiones informadas de manera que se mitigue por eventos de inundación, se proteja la vida y propiedad, así como la inversión pública y privada.

El propósito de estos mapas es asesorar sobre como las nuevas construcciones, reconstrucciones y mejoras sustanciales deben ser elevadas o diseñadas para minimizar los daños por inundaciones futuras, en base a la mejor información disponible. Además, busca orientar a la ciudadanía sobre el riesgo a inundación al que pudiera estar expuesto.

Para información sobre cómo estos mapas fueron desarrollados y sus limitaciones, puede acceder al documento "Puerto Rico Advisory Data and Products" disponible en la página web de la Junta de Planificación.



Recuerde que antes de una construcción, usted debe consultar con los funcionarios de las oficinas municipales de permiso, las oficinas regionales de permisos (OGPE) o con la Junta de Planificación para determinar las elevaciones obligatorias para su hogar, negocio u otra propiedad.

UTILIZACIÓN

Las elevaciones mostradas en estos mapas son consideradas la mejor información disponible hasta que se desarrollen Mapas de Tasas del Seguro de Inundación (FIRM, por sus siglas en inglés) actualizados.

Estos mapas NO han sido desarrollados para tomar determinaciones respecto al seguro de inundación del Programa Nacional del Seguro de Inundación (NFIP, por sus siglas en inglés). Para propósitos del seguro de inundación, se debe hacer referencia a los FIRMs vigentes para Puerto Rico y disponibles en <http://msc.fema.gov> o en la herramienta MiPR de la Junta de Planificación (<http://gis.pr.gov/mipr/>)

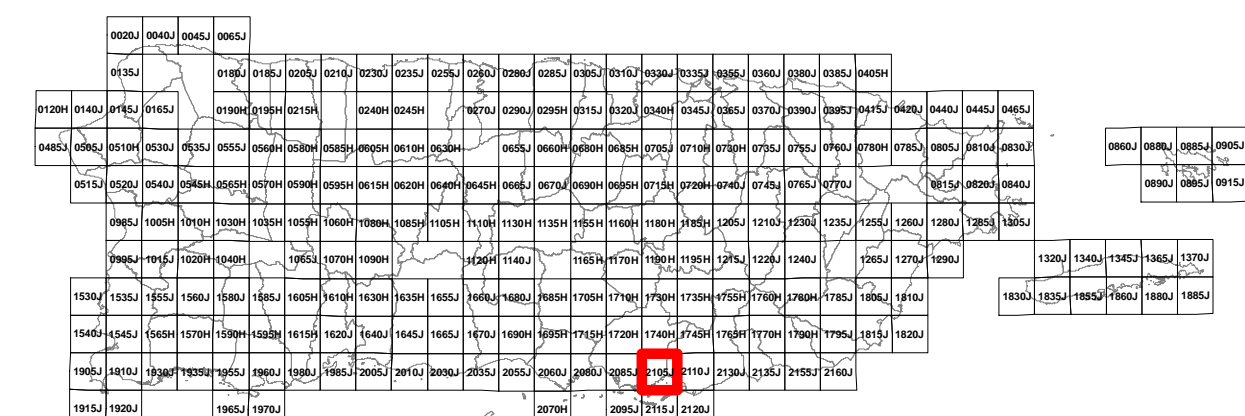
LEYENDA

- Hidrografía
- Nivel de Inundación Base Recomendado
- Límite de Acción Moderada de la Ola (LIMWA)
- 1% Probabilidad Anual de Inundación
- 0.2% Probabilidad Anual de Inundación
- Límite ABFE
- Zona Inundable**
- 0.2% Probabilidad Anual de Inundación
- A
- AE
- AO
- A Costera
- VE
- Cauce Mayor
- Panel
- Límite Municipal
- Límite de Barrio

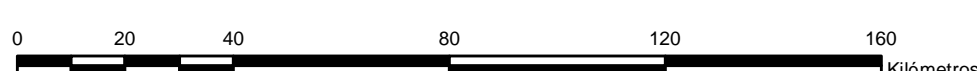
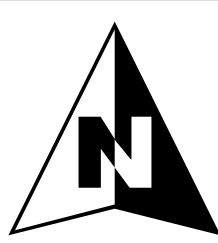
NOTAS

- Elevaciones medidas en metros relativos al Puerto Rico Vertical Datum de 2002 (PRVD02)
- Zonas identificadas como A costera o áreas afectadas por acción moderada de las olas (MoWA, por sus siglas en inglés) muestran las áreas donde la altura de la ola fluctúa entre 1.5 a 3 pies. Nueva construcción o mejora sustancial en estas zonas debe utilizar los parámetros establecidos para las zonas VE en el Reglamento de Planificación Núm. 13, vigente, Reglamento sobre áreas Especiales de Riesgo a Inundación. Puede accederlo en el siguiente enlace <http://jp.pr.gov/Reglamentos/Reglamentos-Planificación>.

MAPA DE REFERENCIA



Panel: 72000C2105J Fecha de efectividad: 13/abril/2018
Fecha de revisión del geodato 12/mayo/2018





Appendix I: Precipitation Data



NOAA Atlas 14, Volume 3, Version 4
Location name: Jobos, Puerto Rico, PRI*
Latitude: 17.9755°, Longitude: -66.2053°
Elevation: 32.81 ft**
* source: ESRI Maps
** source: USGS



POINT PRECIPITATION FREQUENCY ESTIMATES

G.M. Bonnin, D. Martin, B. Lin, T. Parzybok, M. Yekta, and D. Riley

NOAA, National Weather Service, Silver Spring, Maryland

[PF tabular](#) | [PF graphical](#) | [Maps & aeriels](#)

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)¹										
Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.357 (0.353-0.404)	0.480 (0.451-0.511)	0.579 (0.543-0.617)	0.657 (0.613-0.700)	0.760 (0.706-0.813)	0.839 (0.776-0.902)	0.918 (0.843-0.992)	0.999 (0.912-1.09)	1.11 (1.00-1.22)	1.19 (1.08-1.32)
10-min	0.487 (0.482-0.553)	0.656 (0.617-0.698)	0.792 (0.742-0.843)	0.898 (0.838-0.957)	1.04 (0.965-1.11)	1.15 (1.06-1.23)	1.25 (1.15-1.36)	1.37 (1.25-1.49)	1.52 (1.37-1.66)	1.63 (1.47-1.80)
15-min	0.626 (0.619-0.709)	0.842 (0.791-0.896)	1.02 (0.953-1.08)	1.15 (1.08-1.23)	1.33 (1.24-1.43)	1.47 (1.36-1.58)	1.61 (1.48-1.74)	1.75 (1.60-1.91)	1.95 (1.76-2.13)	2.10 (1.89-2.31)
30-min	1.00 (0.991-1.14)	1.35 (1.27-1.44)	1.63 (1.53-1.73)	1.85 (1.72-1.97)	2.13 (1.98-2.28)	2.36 (2.18-2.53)	2.58 (2.37-2.79)	2.81 (2.56-3.05)	3.12 (2.82-3.41)	3.35 (3.02-3.70)
60-min	1.49 (1.47-1.69)	2.00 (1.88-2.13)	2.41 (2.26-2.57)	2.74 (2.55-2.92)	3.17 (2.94-3.39)	3.49 (3.23-3.76)	3.83 (3.51-4.13)	4.16 (3.80-4.53)	4.62 (4.18-5.06)	4.98 (4.48-5.49)
2-hr	1.83 (1.81-2.15)	2.56 (2.38-2.76)	3.24 (2.99-3.49)	3.76 (3.46-4.07)	4.47 (4.09-4.86)	5.03 (4.57-5.49)	5.59 (5.04-6.15)	6.17 (5.52-6.84)	6.98 (6.17-7.79)	7.61 (6.68-8.58)
3-hr	2.19 (2.01-2.38)	2.81 (2.59-3.06)	3.63 (3.33-3.96)	4.28 (3.90-4.68)	5.17 (4.67-5.68)	5.87 (5.27-6.50)	6.60 (5.86-7.36)	7.36 (6.49-8.28)	8.42 (7.32-9.55)	9.26 (7.98-10.6)
6-hr	2.65 (2.39-2.95)	3.46 (3.12-3.86)	4.68 (4.19-5.21)	5.64 (5.02-6.29)	7.01 (6.17-7.85)	8.11 (7.07-9.15)	9.27 (7.98-10.5)	10.5 (8.94-12.0)	12.2 (10.3-14.2)	13.6 (11.3-16.0)
12-hr	3.13 (2.77-3.56)	4.13 (3.65-4.71)	5.76 (5.06-6.55)	7.11 (6.19-8.09)	9.05 (7.79-10.3)	10.7 (9.07-12.3)	12.4 (10.4-14.3)	14.2 (11.8-16.7)	16.9 (13.8-20.0)	19.1 (15.4-22.8)
24-hr	3.66 (3.31-4.06)	4.86 (4.40-5.40)	6.93 (6.26-7.66)	8.70 (7.83-9.60)	11.3 (10.1-12.5)	13.5 (12.0-14.9)	15.8 (13.9-17.5)	18.4 (16.1-20.4)	22.2 (19.2-24.7)	25.3 (21.7-28.2)
2-day	4.89 (4.32-5.56)	6.51 (5.74-7.41)	9.35 (8.22-10.6)	11.8 (10.3-13.3)	15.4 (13.2-17.4)	18.4 (15.7-20.9)	21.7 (18.3-24.7)	25.3 (21.1-28.9)	30.6 (25.2-35.1)	34.9 (28.4-40.3)
3-day	5.18 (4.57-5.90)	6.90 (6.08-7.87)	9.88 (8.69-11.2)	12.4 (10.8-14.1)	16.1 (13.9-18.3)	19.2 (16.4-21.8)	22.6 (19.1-25.7)	26.2 (22.0-30.0)	31.6 (26.1-36.3)	35.9 (29.4-41.6)
4-day	5.47 (4.83-6.23)	7.29 (6.43-8.32)	10.4 (9.15-11.8)	13.0 (11.4-14.8)	16.8 (14.6-19.2)	20.0 (17.2-22.8)	23.4 (19.9-26.8)	27.2 (22.8-31.2)	32.5 (27.0-37.5)	37.0 (30.4-42.9)
7-day	6.21 (5.49-7.07)	8.24 (7.27-9.38)	11.6 (10.2-13.2)	14.4 (12.7-16.4)	18.5 (16.1-21.1)	21.9 (18.8-24.9)	25.5 (21.7-29.1)	29.4 (24.8-33.7)	35.0 (29.1-40.3)	39.6 (32.6-45.9)
10-day	6.85 (6.11-7.71)	9.02 (8.04-10.2)	12.5 (11.1-14.0)	15.3 (13.5-17.2)	19.3 (16.9-21.7)	22.5 (19.7-25.5)	26.0 (22.5-29.5)	29.8 (25.5-33.9)	35.3 (29.9-40.7)	39.8 (33.3-46.3)
20-day	8.52 (7.70-9.42)	11.0 (10.00-12.2)	14.6 (13.2-16.1)	17.5 (15.8-19.3)	21.6 (19.3-23.8)	24.9 (22.0-27.5)	28.3 (24.9-31.4)	32.0 (27.9-35.6)	37.1 (31.9-41.5)	41.2 (35.1-46.4)
30-day	10.4 (9.42-11.4)	13.4 (12.2-14.7)	17.3 (15.7-18.9)	20.4 (18.5-22.4)	24.8 (22.3-27.1)	28.2 (25.2-31.0)	31.8 (28.2-35.0)	35.5 (31.3-39.3)	40.6 (35.4-45.2)	44.7 (38.6-49.9)
45-day	12.7 (11.6-13.9)	16.3 (14.9-17.7)	20.6 (18.8-22.4)	24.0 (21.9-26.1)	28.6 (25.9-31.1)	32.2 (29.0-35.2)	35.9 (32.1-39.3)	39.7 (35.3-43.6)	44.9 (39.6-49.6)	49.0 (42.8-54.3)
60-day	15.1 (13.8-16.3)	19.2 (17.7-20.9)	24.0 (22.0-26.0)	27.8 (25.4-30.1)	32.8 (29.8-35.5)	36.6 (33.2-39.8)	40.5 (36.5-44.1)	44.5 (39.9-48.6)	49.9 (44.5-54.8)	54.1 (47.9-59.7)

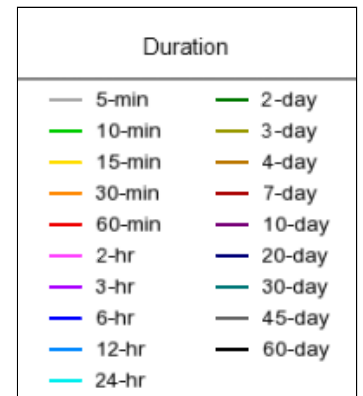
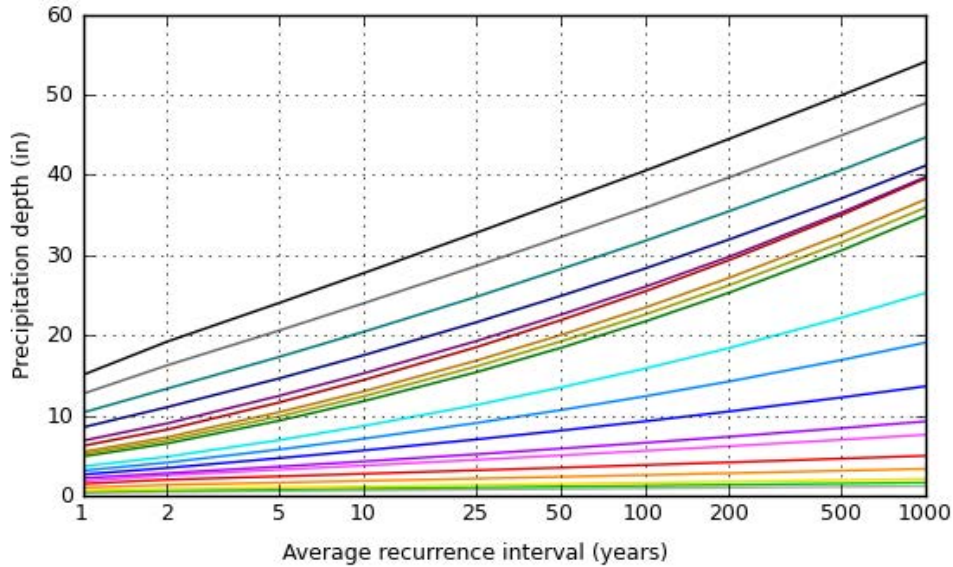
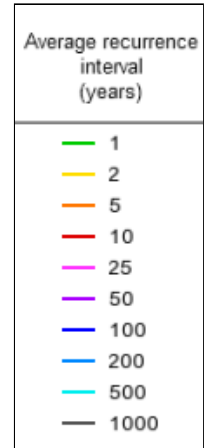
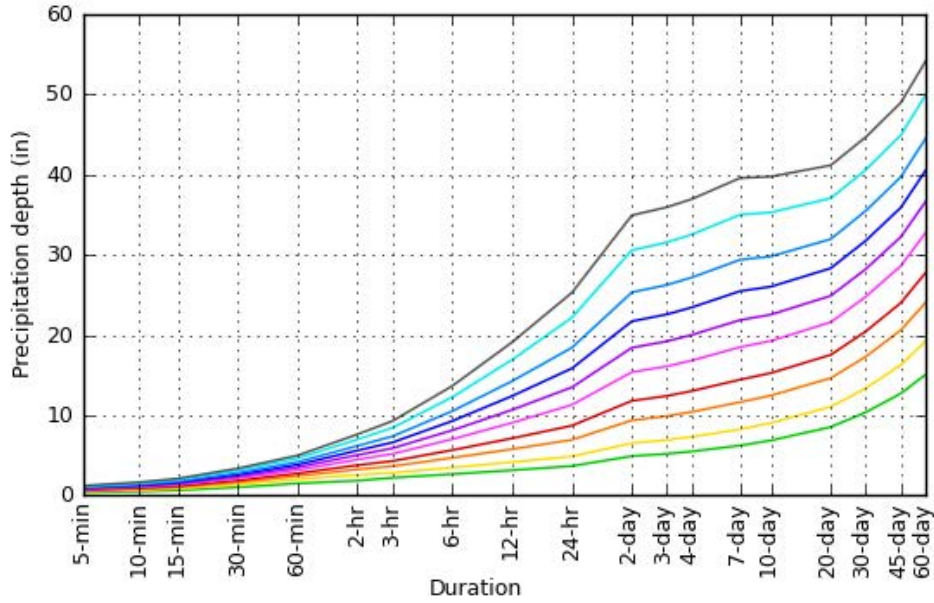
¹ Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS). Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values. Please refer to NOAA Atlas 14 document for more information.

[Back to Top](#)

PF graphical

PDS-based depth-duration-frequency (DDF) curves

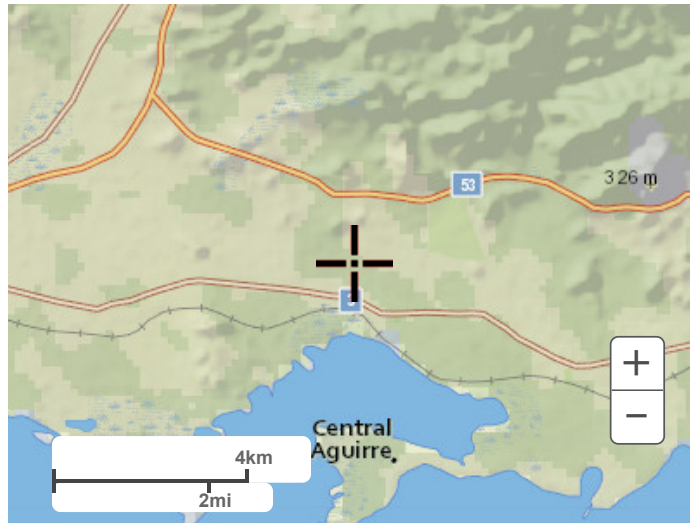
Latitude: 17.9755°, Longitude: -66.2053°



[Back to Top](#)

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NOAA Atlas 14, Volume 3, Version 4
Location name: Jobos, Puerto Rico, PRI*
Latitude: 17.9755°, Longitude: -66.2053°
Elevation: 32.81 ft**
* source: ESRI Maps
** source: USGS



POINT PRECIPITATION FREQUENCY ESTIMATES

G.M. Bonnin, D. Martin, B. Lin, T. Parzybok, M. Yekta, and D. Riley

NOAA, National Weather Service, Silver Spring, Maryland

[PF tabular](#) | [PF graphical](#) | [Maps & aerials](#)

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches/hour)¹										
Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	4.28 (4.24-4.85)	5.76 (5.41-6.13)	6.95 (6.52-7.40)	7.88 (7.36-8.40)	9.12 (8.47-9.76)	10.1 (9.31-10.8)	11.0 (10.1-11.9)	12.0 (10.9-13.0)	13.3 (12.0-14.6)	14.3 (12.9-15.8)
10-min	2.92 (2.89-3.32)	3.94 (3.70-4.19)	4.75 (4.45-5.06)	5.39 (5.03-5.74)	6.23 (5.79-6.67)	6.88 (6.37-7.40)	7.53 (6.91-8.14)	8.19 (7.48-8.91)	9.10 (8.23-9.96)	9.79 (8.81-10.8)
15-min	2.50 (2.48-2.84)	3.37 (3.16-3.58)	4.06 (3.81-4.33)	4.61 (4.30-4.91)	5.33 (4.96-5.70)	5.88 (5.45-6.33)	6.44 (5.92-6.96)	7.01 (6.40-7.62)	7.78 (7.04-8.52)	8.38 (7.54-9.24)
30-min	2.00 (1.98-2.27)	2.69 (2.53-2.87)	3.25 (3.05-3.47)	3.69 (3.44-3.93)	4.27 (3.97-4.57)	4.71 (4.36-5.07)	5.16 (4.73-5.57)	5.61 (5.12-6.10)	6.23 (5.64-6.82)	6.71 (6.04-7.40)
60-min	1.49 (1.47-1.69)	2.00 (1.88-2.13)	2.41 (2.26-2.57)	2.74 (2.55-2.92)	3.17 (2.94-3.39)	3.49 (3.23-3.76)	3.83 (3.51-4.13)	4.16 (3.80-4.53)	4.62 (4.18-5.06)	4.98 (4.48-5.49)
2-hr	0.915 (0.906-1.08)	1.28 (1.19-1.38)	1.62 (1.50-1.75)	1.88 (1.73-2.04)	2.23 (2.04-2.43)	2.51 (2.29-2.75)	2.80 (2.52-3.08)	3.09 (2.76-3.42)	3.49 (3.09-3.90)	3.80 (3.34-4.29)
3-hr	0.729 (0.669-0.791)	0.935 (0.863-1.02)	1.21 (1.11-1.32)	1.42 (1.30-1.56)	1.72 (1.55-1.89)	1.96 (1.75-2.16)	2.20 (1.95-2.45)	2.45 (2.16-2.76)	2.81 (2.44-3.18)	3.09 (2.66-3.53)
6-hr	0.442 (0.399-0.493)	0.578 (0.520-0.645)	0.781 (0.699-0.870)	0.943 (0.839-1.05)	1.17 (1.03-1.31)	1.36 (1.18-1.53)	1.55 (1.33-1.76)	1.76 (1.49-2.01)	2.05 (1.72-2.37)	2.28 (1.89-2.67)
12-hr	0.260 (0.230-0.295)	0.343 (0.303-0.391)	0.478 (0.420-0.544)	0.590 (0.514-0.671)	0.751 (0.647-0.859)	0.885 (0.753-1.02)	1.03 (0.863-1.19)	1.18 (0.980-1.39)	1.40 (1.14-1.66)	1.59 (1.28-1.89)
24-hr	0.153 (0.138-0.169)	0.203 (0.183-0.225)	0.289 (0.261-0.319)	0.362 (0.326-0.400)	0.470 (0.420-0.519)	0.562 (0.498-0.620)	0.660 (0.581-0.731)	0.768 (0.671-0.852)	0.924 (0.798-1.03)	1.05 (0.903-1.18)
2-day	0.102 (0.090-0.116)	0.136 (0.120-0.154)	0.195 (0.171-0.221)	0.246 (0.214-0.278)	0.320 (0.276-0.362)	0.384 (0.327-0.435)	0.452 (0.382-0.514)	0.527 (0.440-0.602)	0.637 (0.524-0.730)	0.728 (0.593-0.840)
3-day	0.072 (0.064-0.082)	0.096 (0.084-0.109)	0.137 (0.121-0.156)	0.172 (0.151-0.195)	0.223 (0.193-0.254)	0.267 (0.228-0.303)	0.314 (0.266-0.357)	0.365 (0.305-0.417)	0.438 (0.362-0.504)	0.499 (0.408-0.578)
4-day	0.057 (0.050-0.065)	0.076 (0.067-0.087)	0.108 (0.095-0.123)	0.136 (0.119-0.154)	0.175 (0.152-0.200)	0.208 (0.179-0.238)	0.244 (0.208-0.279)	0.283 (0.238-0.325)	0.339 (0.282-0.391)	0.385 (0.316-0.446)
7-day	0.037 (0.033-0.042)	0.049 (0.043-0.056)	0.069 (0.061-0.079)	0.086 (0.075-0.097)	0.110 (0.096-0.125)	0.130 (0.112-0.148)	0.152 (0.129-0.173)	0.175 (0.148-0.200)	0.208 (0.173-0.240)	0.236 (0.194-0.273)
10-day	0.029 (0.025-0.032)	0.038 (0.033-0.042)	0.052 (0.046-0.058)	0.064 (0.056-0.071)	0.080 (0.070-0.090)	0.094 (0.082-0.106)	0.108 (0.094-0.123)	0.124 (0.106-0.141)	0.147 (0.125-0.170)	0.166 (0.139-0.193)
20-day	0.018 (0.016-0.020)	0.023 (0.021-0.025)	0.030 (0.028-0.034)	0.037 (0.033-0.040)	0.045 (0.040-0.050)	0.052 (0.046-0.057)	0.059 (0.052-0.065)	0.067 (0.058-0.074)	0.077 (0.066-0.086)	0.086 (0.073-0.097)
30-day	0.014 (0.013-0.016)	0.019 (0.017-0.020)	0.024 (0.022-0.026)	0.028 (0.026-0.031)	0.034 (0.031-0.038)	0.039 (0.035-0.043)	0.044 (0.039-0.049)	0.049 (0.043-0.055)	0.056 (0.049-0.063)	0.062 (0.054-0.069)
45-day	0.012 (0.011-0.013)	0.015 (0.014-0.016)	0.019 (0.017-0.021)	0.022 (0.020-0.024)	0.026 (0.024-0.029)	0.030 (0.027-0.033)	0.033 (0.030-0.036)	0.037 (0.033-0.040)	0.042 (0.037-0.046)	0.045 (0.040-0.050)
60-day	0.010 (0.010-0.011)	0.013 (0.012-0.014)	0.017 (0.015-0.018)	0.019 (0.018-0.021)	0.023 (0.021-0.025)	0.025 (0.023-0.028)	0.028 (0.025-0.031)	0.031 (0.028-0.034)	0.035 (0.031-0.038)	0.038 (0.033-0.041)

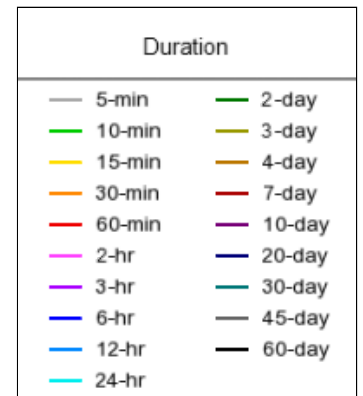
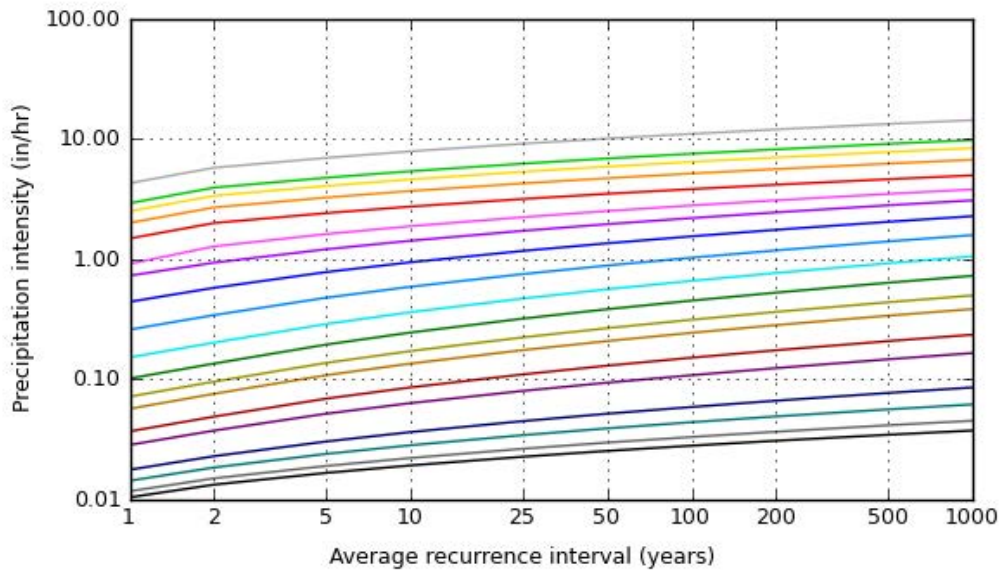
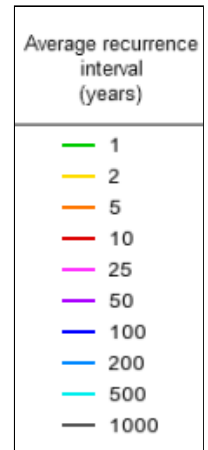
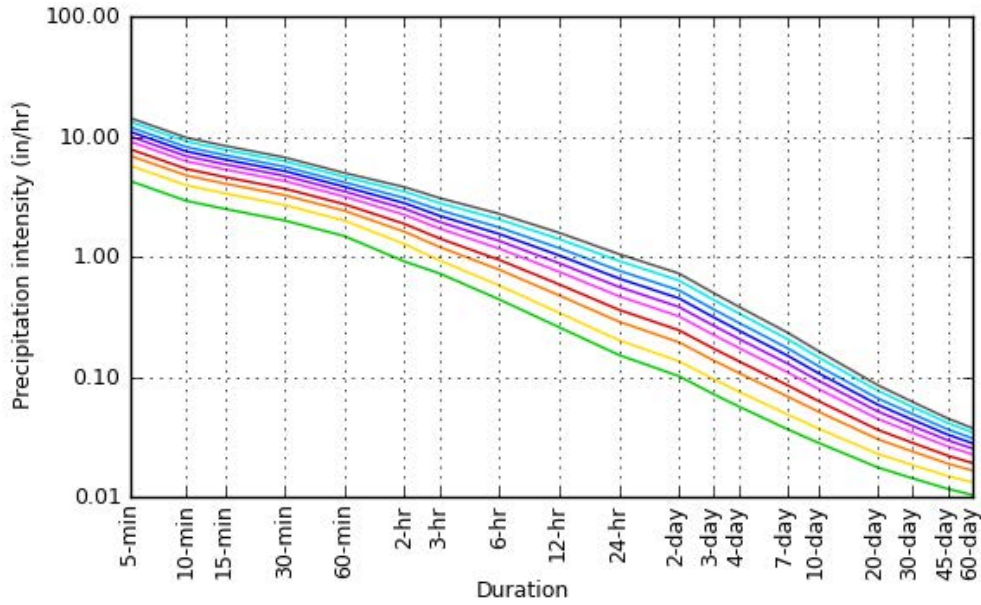
¹ Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS). Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values. Please refer to NOAA Atlas 14 document for more information.

[Back to Top](#)

PF graphical

PDS-based intensity-duration-frequency (IDF) curves

Latitude: 17.9755°, Longitude: -66.2053°



[Back to Top](#)

Maps & arials

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Large scale terrain



Large scale map



Large scale aerial



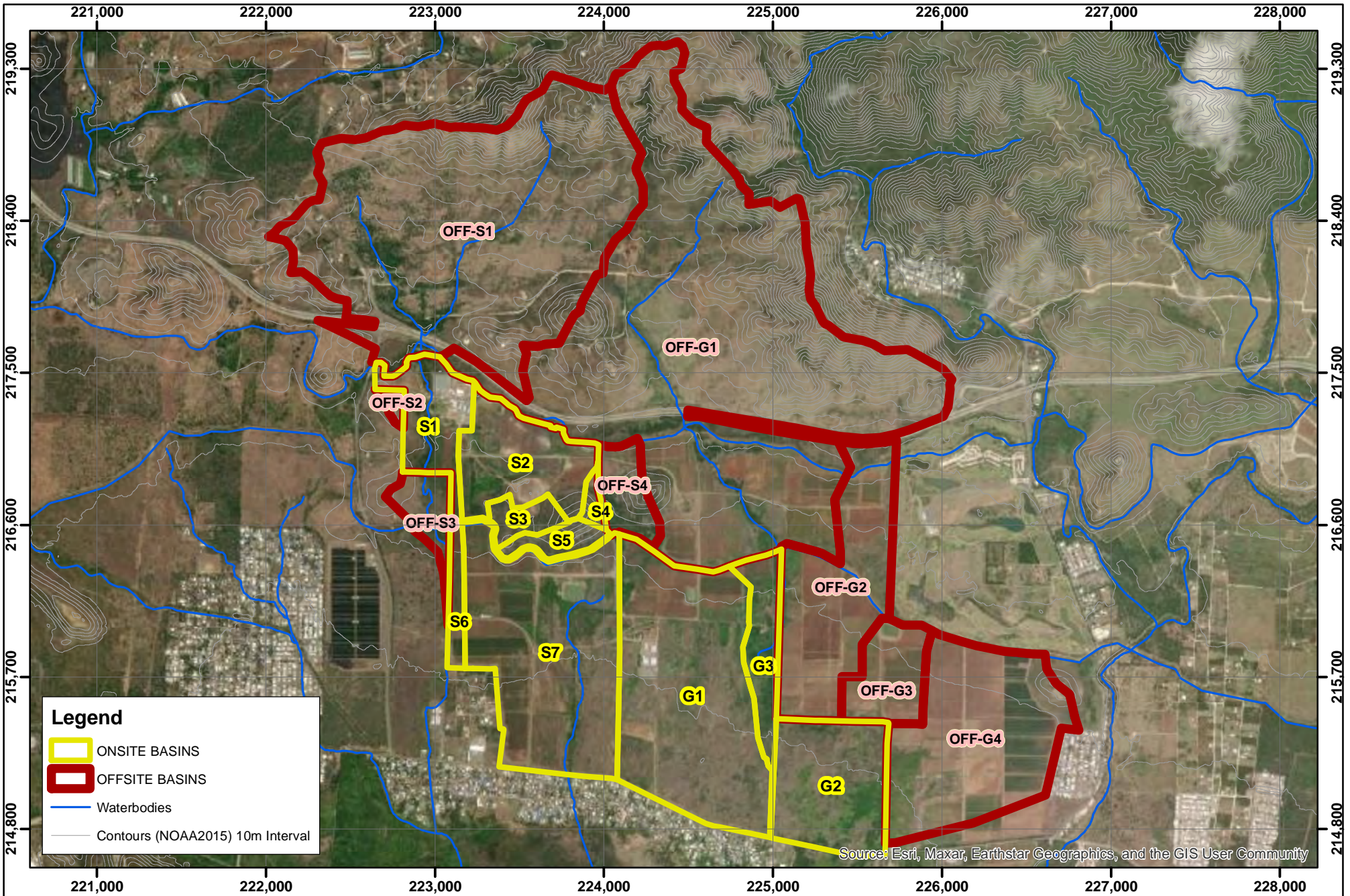
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Appendix J: Watershed Limits



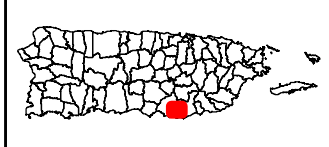
Legend

- ONSITE BASINS
- OFFSITE BASINS
- Waterbodies
- Contours (NOAA2015) 10m Interval

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Coordinate System: NAD 1983 StatePlane Puerto Rico Virgin Islands FIPS 5200 | Units: Meter

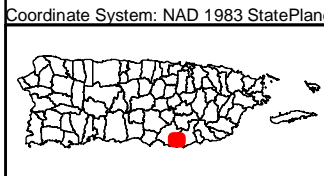
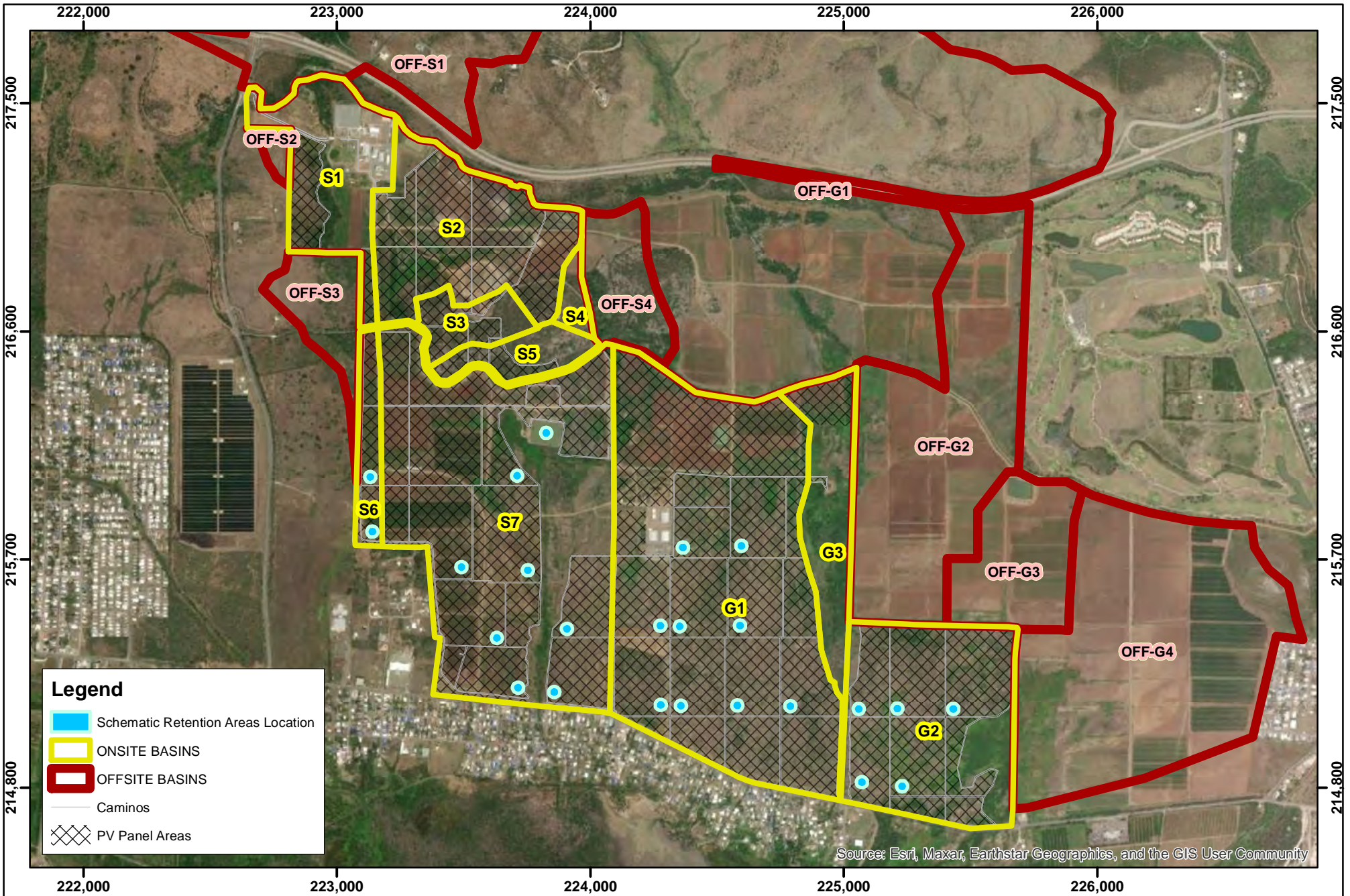
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General Watersheds Map - Existing Condition

AES-Salinas - Salinas, P.R.





General Watersheds Map - Proposed Condition

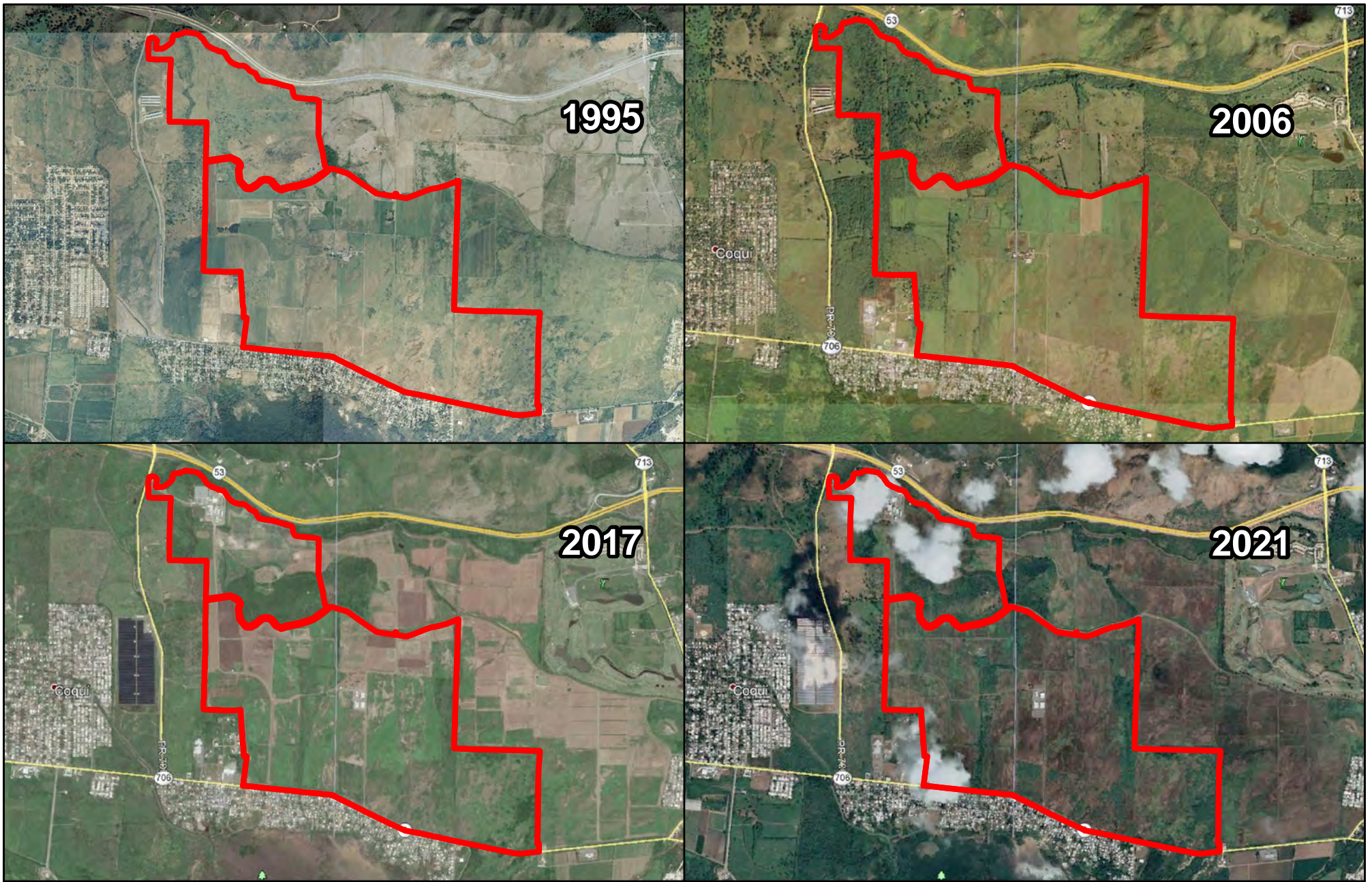
AES-Salinas - Salinas, P.R.

1:20,000

Date: 11/23/2022



Appendix K: Historical Aerial Photos



Coordinate System: NAD 1983 StatePlane Puerto Rico Virgin Islands FIPS 5200 | Units: Meter

1:40,000



Historical Aerial Photos 1995 - 2021

AES-Salinas - Salinas, PR

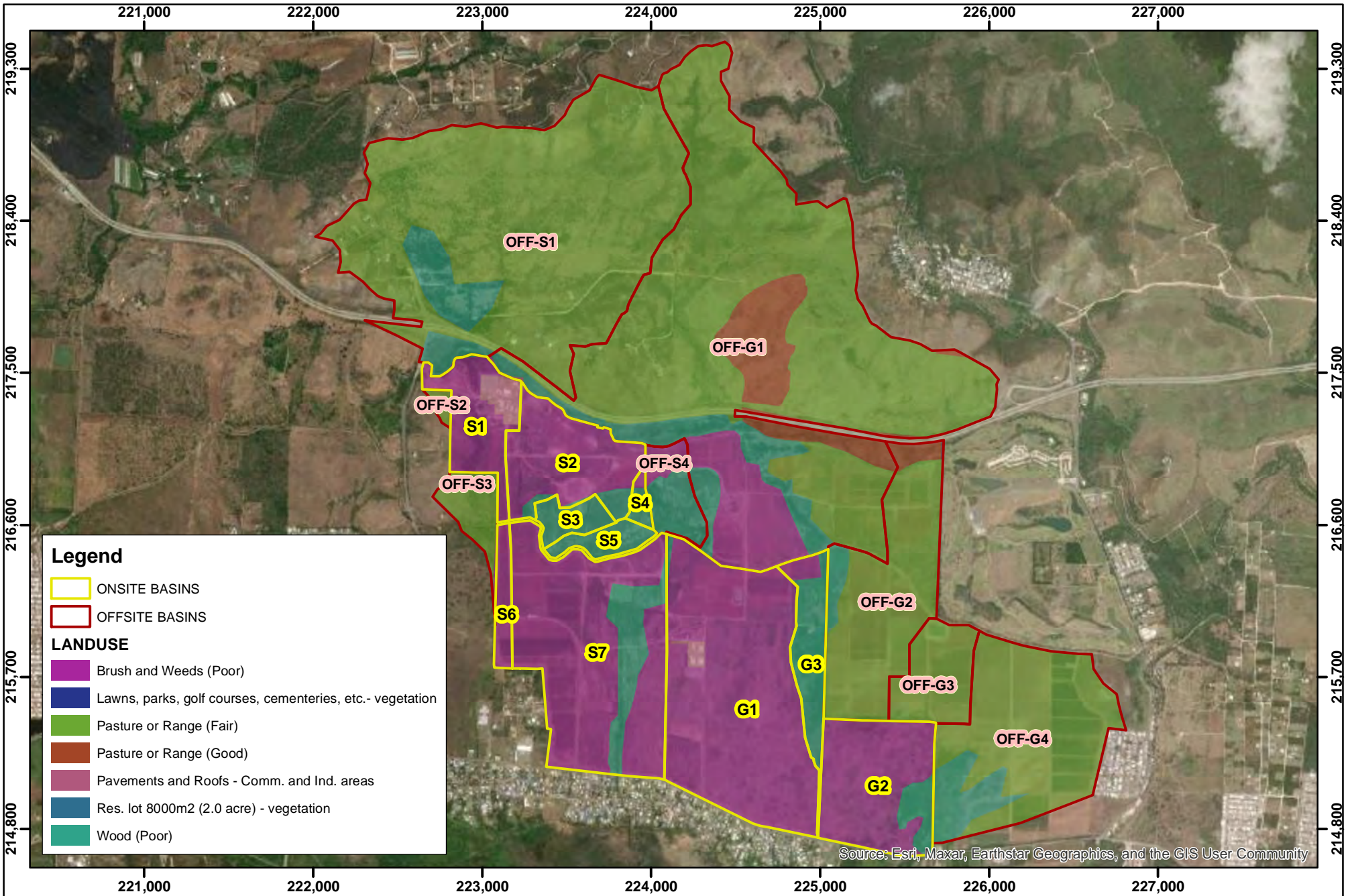


Date: 11/4/2022



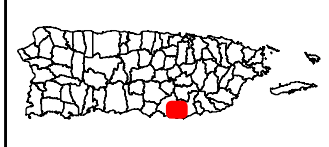


Appendix L: Land Cover & Soil Type Maps



Coordinate System: NAD 1983 StatePlane Puerto Rico Virgin Islands FIPS 5200 | Units: Meter

1:30,000



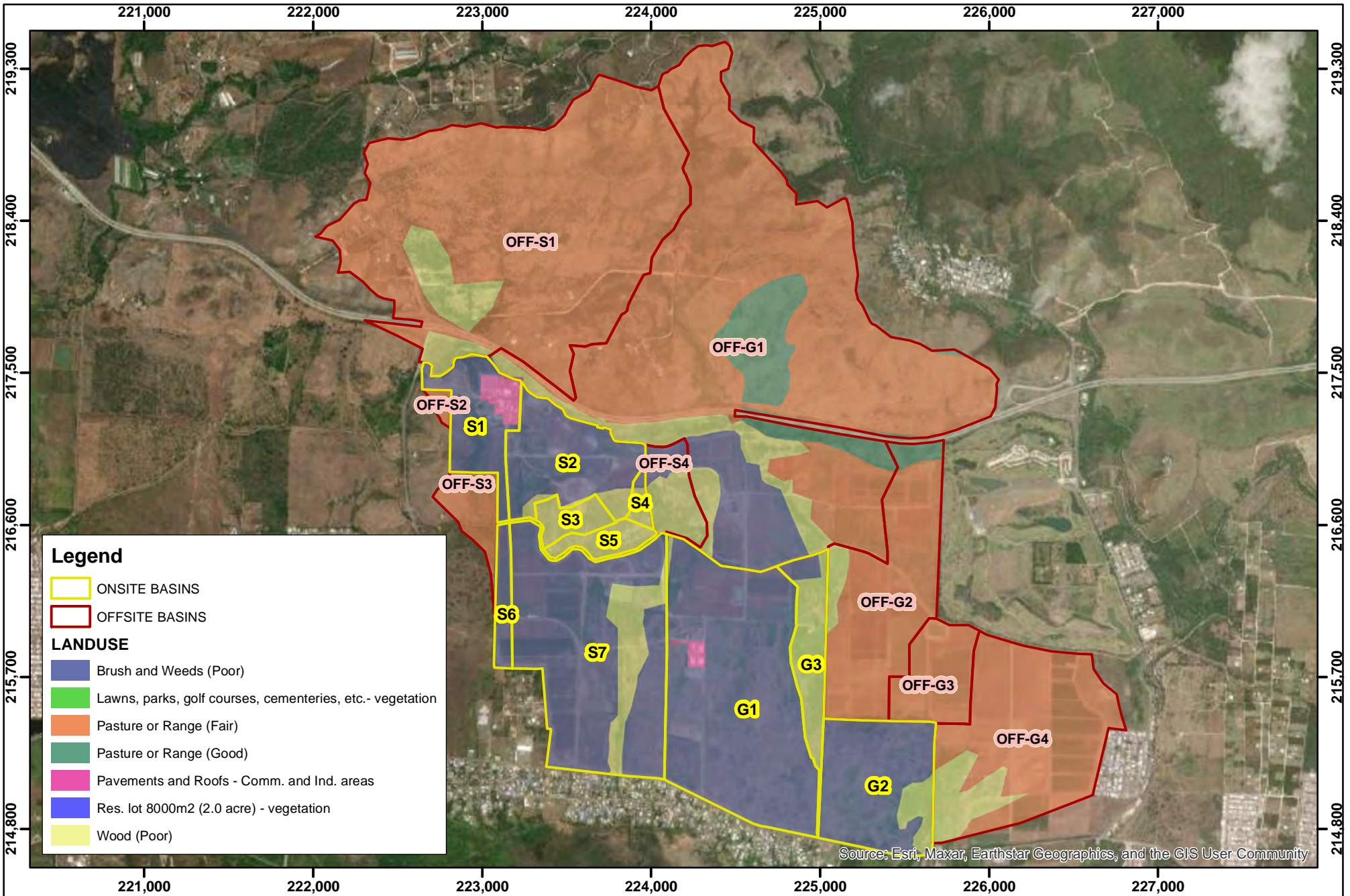
Land Use Map - Existing Condition

AES-Salinas - Salinas, P.R.



Date: 11/18/2022

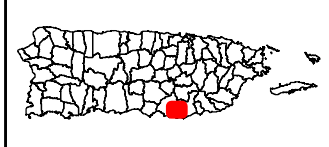




Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Coordinate System: NAD 1983 StatePlane Puerto Rico Virgin Islands FIPS 5200 | Units: Meter

1:30,000 950 475 0 950 Meters



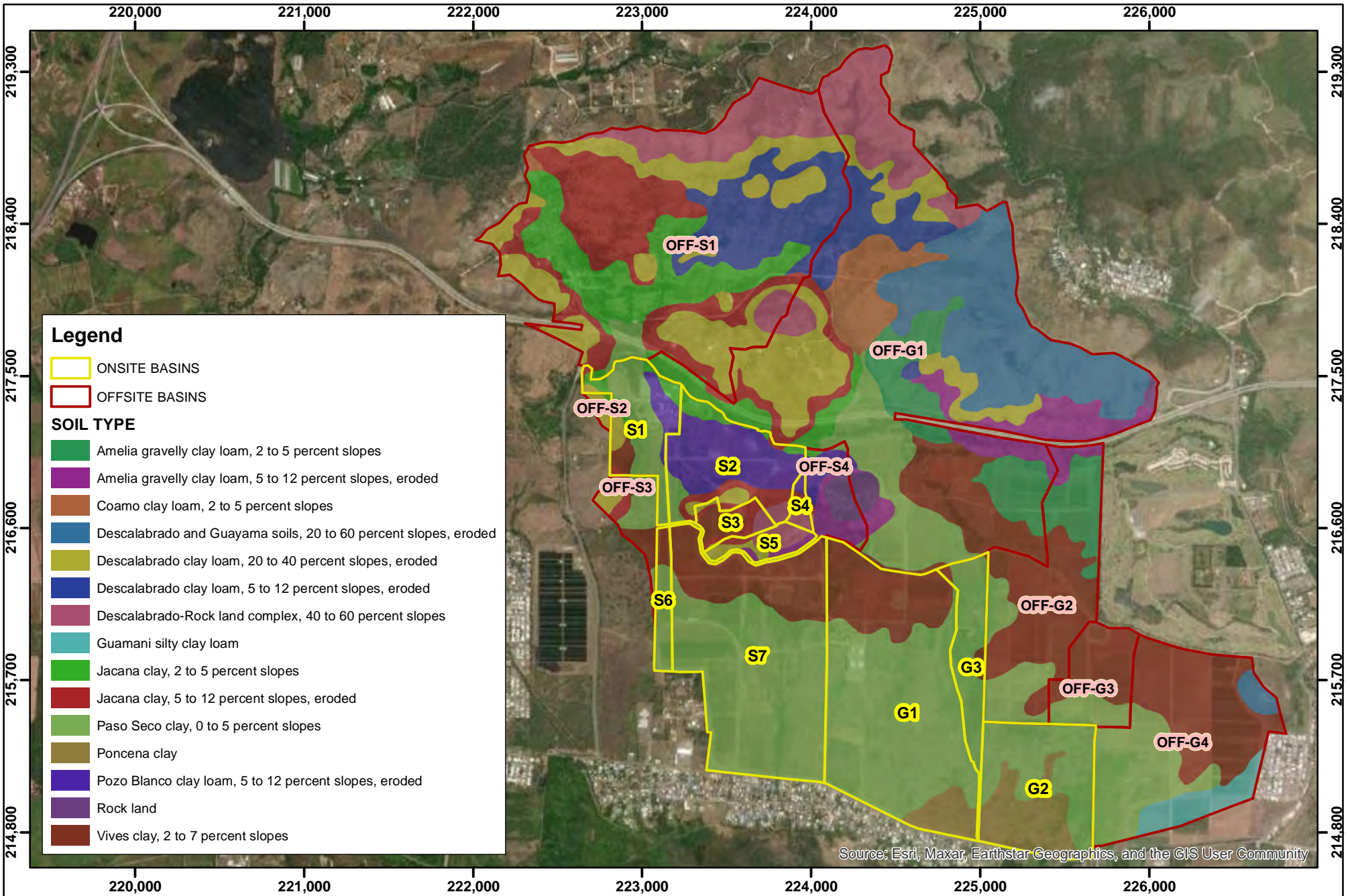
Land Use Map - Proposed Condition

AES-Salinas - Salinas, P.R.



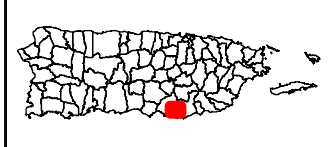
Date: 11/18/2022





Coordinate System: NAD 1983 StatePlane Puerto Rico Virgin Islands FIPS 5200 | Units: Meter

1:30,000



Soil Types Map

AES-Salinas - Salinas, P.R.



Date: 11/18/2022





Appendix M: CN-Calculation Sheets

Basins 18

Basin	Soil Type	Serie	Hydrologic Group	LANDUSE	CN	Area (ac)	CN X Area
B-G1	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	203.46	16887.22
B-G1	PIB	Paso Seco	D	Pavements and Roofs - Comm. and Ind. areas	98	4.25	416.40
B-G1	PIB	Paso Seco	D	Wood (Poor)	83	0.22	18.14
B-G1	Po	Poncena	D	Brush and Weeds (Poor)	83	21.09	1750.67
B-G1	VvB	Vives	B	Brush and Weeds (Poor)	66	68.76	4538.02
B-G1	VvB	Vives	B	Wood (Poor)	67	1.59	106.82
TOTALS						299.37	23717.28
CNavg						79	

B-G2	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	61.02	5064.87
B-G2	PIB	Paso Seco	D	Pasture or Range (Fair)	84	0.07	5.89
B-G2	PIB	Paso Seco	D	Wood (Poor)	83	12.40	1029.29
B-G2	Po	Poncena	D	Brush and Weeds (Poor)	83	48.73	4044.45
B-G2	Po	Poncena	D	Pavements and Roofs - Comm. and Ind. areas	98	0.01	0.53
B-G2	Po	Poncena	D	Wood (Poor)	83	3.78	313.57
TOTALS						126.01	10458.61
CNavg						83	

B-G3	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	6.26	519.53
B-G3	PIB	Paso Seco	D	Wood (Poor)	83	40.41	3353.84
B-G3	Po	Poncena	D	Brush and Weeds (Poor)	83	0.36	29.93
B-G3	VvB	Vives	B	Brush and Weeds (Poor)	66	1.27	83.58
B-G3	VvB	Vives	B	Wood (Poor)	67	3.04	203.70
TOTALS						51.33	4190.58
CNavg						82	

B-OFF-G1	AmC2	Amelia	C	Brush and Weeds (Poor)	77	3.65	280.99
B-OFF-G1	AmB	Amelia	C	Pasture or Range (Fair)	79	86.05	6798.33
B-OFF-G1	AmB	Amelia	C	Pasture or Range (Good)	74	60.26	4459.52
B-OFF-G1	AmB	Amelia	C	Wood (Poor)	77	3.59	276.80
B-OFF-G1	CIB	Coamo	C	Pasture or Range (Fair)	79	55.66	4397.19
B-OFF-G1	CIB	Coamo	C	Pasture or Range (Good)	74	0.58	42.94
B-OFF-G1	DeC2	Descalabrado	D	Pasture or Range (Fair)	84	424.65	35670.83
B-OFF-G1	DeC2	Descalabrado	D	Pasture or Range (Good)	80	26.71	2137.19
B-OFF-G1	DeE2	Descalabrado	D	Wood (Poor)	83	1.18	98.15
B-OFF-G1	JaB	Jacana	D	Brush and Weeds (Poor)	83	0.37	31.01
B-OFF-G1	JaB	Jacana	D	Pasture or Range (Fair)	84	36.89	3098.76
B-OFF-G1	JaB	Jacana	D	Pavements and Roofs - Comm. and Ind. areas	98	0.40	39.09
B-OFF-G1	JaB	Jacana	D	Wood (Poor)	83	20.46	1697.99
B-OFF-G1	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	60.78	5044.39
B-OFF-G1	PIB	Paso Seco	D	Pasture or Range (Fair)	84	13.91	1168.62
B-OFF-G1	PIB	Paso Seco	D	Wood (Poor)	83	18.06	1498.69
B-OFF-G1	PrC2	Pozo Blanco	B	Brush and Weeds (Poor)	66	0.81	53.74
B-OFF-G1	Rs	Rock land	D	Brush and Weeds (Poor)	83	0.00	0.14
B-OFF-G1	Rs	Rock land	D	Pasture or Range (Fair)	84	3.19	268.19
B-OFF-G1	Rs	Rock land	D	Wood (Poor)	83	8.02	665.82
B-OFF-G1	VvB	Vives	B	Brush and Weeds (Poor)	66	13.66	901.74
B-OFF-G1	VvB	Vives	B	Pasture or Range (Fair)	69	37.45	2584.01
B-OFF-G1	VvB	Vives	B	Pasture or Range (Good)	61	0.14	8.31
B-OFF-G1	VvB	Vives	B	Wood (Poor)	67	24.23	1623.20
TOTALS						900.72	72845.65
CNavg						81	

Basins 18

Basin	Soil Type	Serie	Hydrologic Group	LANDUSE	CN	Area (ac)	CN X Area
B-OFF-G2	AmB	Amelia	C	Lawns, parks, golf courses, cemeteries, etc.- vegetation	74	0.56	41.41
B-OFF-G2	AmB	Amelia	C	Pasture or Range (Fair)	79	36.78	2905.31
B-OFF-G2	AmB	Amelia	C	Pasture or Range (Good)	74	8.82	652.77
B-OFF-G2	PIB	Paso Seco	D	Pasture or Range (Fair)	84	31.90	2679.83
B-OFF-G2	PIB	Paso Seco	D	Wood (Poor)	83	6.36	528.27
B-OFF-G2	VvB	Vives	B	Pasture or Range (Fair)	69	93.77	6470.32
B-OFF-G2	VvB	Vives	B	Wood (Poor)	67	4.98	333.93

TOTALS 183.18 13611.83

CNavg 74

B-OFF-G3	PIB	Paso Seco	D	Pasture or Range (Fair)	84	19.36	1626.16
B-OFF-G3	VvB	Vives	B	Lawns, parks, golf courses, cemeteries, etc.- vegetation	61	0.01	0.73
B-OFF-G3	VvB	Vives	B	Pasture or Range (Fair)	69	41.99	2896.97

TOTALS 61.36 4523.86

CNavg 74

B-OFF-G4	DgF2	Descalabrado	D	Pasture or Range (Fair)	84	10.07	845.51
B-OFF-G4	Gm	Guamani	B	Pasture or Range (Fair)	69	27.86	1922.07
B-OFF-G4	Gm	Guamani	B	Wood (Poor)	67	3.14	210.33
B-OFF-G4	PIB	Paso Seco	D	Pasture or Range (Fair)	84	47.72	4008.81
B-OFF-G4	PIB	Paso Seco	D	Wood (Poor)	83	32.97	2736.68
B-OFF-G4	VvB	Vives	B	Lawns, parks, golf courses, cemeteries, etc.- vegetation	61	0.14	8.45
B-OFF-G4	VvB	Vives	B	Pasture or Range (Fair)	69	110.48	7622.83

TOTALS 232.37 17354.68

CNavg 75

B-OFF-S1	CIB	Coamo	C	Pasture or Range (Fair)	79	1.98	156.14
B-OFF-S1	DeC2	Descalabrado	D	Pasture or Range (Fair)	84	333.83	28042.06
B-OFF-S1	DeE2	Descalabrado	D	Pasture or Range (Good)	80	0.02	1.65
B-OFF-S1	DeE2	Descalabrado	D	Wood (Poor)	83	1.93	160.60
B-OFF-S1	JaB	Jacana	D	Brush and Weeds (Poor)	83	0.10	8.48
B-OFF-S1	JaB	Jacana	D	Pasture or Range (Fair)	84	221.91	18640.34
B-OFF-S1	JaC2	Jacana	D	Pasture or Range (Good)	80	0.04	2.82
B-OFF-S1	JaB	Jacana	D	Wood (Poor)	83	44.62	3703.58
B-OFF-S1	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	0.14	11.33
B-OFF-S1	PIB	Paso Seco	D	Pasture or Range (Fair)	84	3.86	323.85
B-OFF-S1	PIB	Paso Seco	D	Wood (Poor)	83	7.11	589.85

TOTALS 615.53 51640.70

CNavg 84

B-OFF-S2	DeE2	Descalabrado	D	Pasture or Range (Fair)	84	4.75	399.25
B-OFF-S2	JaB	Jacana	D	Pasture or Range (Fair)	84	0.44	37.10

TOTALS 5.19 436.35

CNavg 84

B-OFF-S3	DeE2	Descalabrado	D	Pasture or Range (Fair)	84	5.44	456.73
B-OFF-S3	JaC2	Jacana	D	Brush and Weeds (Poor)	83	0.00	0.01
B-OFF-S3	JaC2	Jacana	D	Pasture or Range (Fair)	84	4.35	365.77
B-OFF-S3	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	1.35	112.40
B-OFF-S3	PIB	Paso Seco	D	Pasture or Range (Fair)	84	13.94	1170.56
B-OFF-S3	VvB	Vives	B	Brush and Weeds (Poor)	66	0.57	37.39
B-OFF-S3	VvB	Vives	B	Pasture or Range (Fair)	69	7.15	493.21

Basins 18

Basin	Soil Type	Serie	Hydrologic Group	LANDUSE	CN	Area (ac)	CN X Area
					TOTALS	32.80	2636.08
					CNavg	80	
B-OFF-S4	AmC2	Amelia	C	Brush and Weeds (Poor)	77	0.44	33.85
B-OFF-S4	AmC2	Amelia	C	Wood (Poor)	77	13.38	1030.20
B-OFF-S4	DrF	Descalabrado	D	Wood (Poor)	83	0.20	16.53
B-OFF-S4	JaB	Jacana	D	Brush and Weeds (Poor)	83	0.90	74.69
B-OFF-S4	JaC2	Jacana	D	Wood (Poor)	83	0.54	44.78
B-OFF-S4	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	0.85	70.57
B-OFF-S4	PIB	Paso Seco	D	Wood (Poor)	83	0.57	47.31
B-OFF-S4	PrC2	Pozo Blanco	B	Brush and Weeds (Poor)	66	8.90	587.13
B-OFF-S4	PrC2	Pozo Blanco	B	Wood (Poor)	67	1.95	130.93
B-OFF-S4	Rs	Rock land	D	Wood (Poor)	83	10.52	872.78
B-OFF-S4	VvB	Vives	B	Brush and Weeds (Poor)	66	0.00	0.22
B-OFF-S4	VvB	Vives	B	Wood (Poor)	67	0.10	6.80
					TOTALS	38.35	2915.79
					CNavg	76	
B-S1	DeE2	Descalabrado	D	Brush and Weeds (Poor)	83	5.47	453.95
B-S1	DeE2	Descalabrado	D	Pasture or Range (Fair)	84	0.37	31.04
B-S1	JaB	Jacana	D	Brush and Weeds (Poor)	83	7.03	583.57
B-S1	JaB	Jacana	D	Pasture or Range (Fair)	84	0.11	9.59
B-S1	JaC2	Jacana	D	Pasture or Range (Good)	80	0.02	1.99
B-S1	JaB	Jacana	D	Pavements and Roofs - Comm. and Ind. areas	98	3.12	305.95
B-S1	JaC2	Jacana	D	Wood (Poor)	83	0.07	5.62
B-S1	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	34.51	2864.46
B-S1	PIB	Paso Seco	D	Pasture or Range (Fair)	84	0.04	3.70
B-S1	PIB	Paso Seco	D	Pavements and Roofs - Comm. and Ind. areas	98	2.15	211.02
B-S1	PIB	Paso Seco	D	Wood (Poor)	83	0.34	27.85
B-S1	PrC2	Pozo Blanco	B	Brush and Weeds (Poor)	66	3.04	200.66
B-S1	PrC2	Pozo Blanco	B	Pavements and Roofs - Comm. and Ind. areas	98	7.90	774.46
B-S1	VvB	Vives	B	Brush and Weeds (Poor)	66	4.93	325.06
B-S1	VvB	Vives	B	Pasture or Range (Fair)	69	0.03	2.32
					TOTALS	69.14	5801.23
					CNavg	84	
B-S2	DeE2	Descalabrado	D	Brush and Weeds (Poor)	83	3.41	282.93
B-S2	DeE2	Descalabrado	D	Wood (Poor)	83	4.54	376.72
B-S2	JaB	Jacana	D	Brush and Weeds (Poor)	83	16.89	1402.09
B-S2	JaB	Jacana	D	Pavements and Roofs - Comm. and Ind. areas	98	0.27	26.23
B-S2	JaB	Jacana	D	Wood (Poor)	83	5.49	455.38
B-S2	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	5.91	490.70
B-S2	PIB	Paso Seco	D	Wood (Poor)	83	0.09	7.10
B-S2	PrC2	Pozo Blanco	B	Brush and Weeds (Poor)	66	65.07	4294.53
B-S2	PrC2	Pozo Blanco	B	Pavements and Roofs - Comm. and Ind. areas	98	0.11	10.95
B-S2	VvB	Vives	B	Brush and Weeds (Poor)	66	0.10	6.42
B-S2	VvB	Vives	B	Wood (Poor)	67	0.07	4.67
					TOTALS	101.94	7357.72
					CNavg	72	

Basins 18

Basin	Soil Type	Serie	Hydrologic Group	LANDUSE	CN	Area (ac)	CN X Area
B-S3	DeE2	Descalabrado	D	Brush and Weeds (Poor)	83	0.01	0.49
B-S3	DeE2	Descalabrado	D	Wood (Poor)	83	11.36	942.82
B-S3	VvB	Vives	B	Brush and Weeds (Poor)	66	0.01	0.51
B-S3	VvB	Vives	B	Wood (Poor)	67	9.44	632.49

TOTALS **20.81** **1576.31**
CNavg **76**

B-S4	AmC2	Amelia	C	Wood (Poor)	77	0.09	6.90
B-S4	DrF	Descalabrado	D	Wood (Poor)	83	4.17	346.26
B-S4	JaC2	Jacana	D	Brush and Weeds (Poor)	83	0.03	2.20
B-S4	JaC2	Jacana	D	Wood (Poor)	83	1.51	125.49
B-S4	PrC2	Pozo Blanco	B	Brush and Weeds (Poor)	66	1.59	104.81
B-S4	PrC2	Pozo Blanco	B	Wood (Poor)	67	0.24	16.30

TOTALS **7.63** **601.97**
CNavg **79**

B-S5	AmC2	Amelia	C	Brush and Weeds (Poor)	77	0.02	1.92
B-S5	AmC2	Amelia	C	Wood (Poor)	77	4.45	342.60
B-S5	DeE2	Descalabrado	D	Brush and Weeds (Poor)	83	0.02	1.65
B-S5	DeE2	Descalabrado	D	Wood (Poor)	83	15.70	1303.09
B-S5	VvB	Vives	B	Brush and Weeds (Poor)	66	0.00	0.00
B-S5	VvB	Vives	B	Wood (Poor)	67	0.02	1.63

TOTALS **20.22** **1650.89**
CNavg **82**

B-S6	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	15.08	1251.89
B-S6	VvB	Vives	B	Brush and Weeds (Poor)	66	4.49	296.02

TOTALS **19.57** **1547.90**
CNavg **79**

B-S7	AmC2	Amelia	C	Brush and Weeds (Poor)	77	0.31	23.73
B-S7	AmC2	Amelia	C	Wood (Poor)	77	0.12	9.02
B-S7	DeE2	Descalabrado	D	Brush and Weeds (Poor)	83	0.00	0.00
B-S7	DeE2	Descalabrado	D	Wood (Poor)	83	0.00	0.35
B-S7	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	169.99	14109.56
B-S7	PIB	Paso Seco	D	Res. lot 8000m2 (2.0 acre) - vegetation	81	0.02	1.81
B-S7	PIB	Paso Seco	D	Wood (Poor)	83	28.12	2334.05
B-S7	VvB	Vives	B	Brush and Weeds (Poor)	66	58.81	3881.64
B-S7	VvB	Vives	B	Wood (Poor)	67	13.68	916.26

TOTALS **271.06** **21276.41**
CNavg **78**

Basin 18

basin	Soil Type	Serie	Hydrologic Group	LANDUSE	CN	Area (ac)	CN X Area
B-G1	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	1.46	121.09
B-G1	PIB	Paso Seco	D	Pasture or Range (Fair)	84	202.22	16986.49
B-G1	PIB	Paso Seco	D	Pavements and Roofs - Comm. and Ind. areas	98	4.25	416.40
B-G1	Po	Poncena	D	Pasture or Range (Fair)	84	91.44	7681.35
TOTALS						299.37	25205.34
CNavg						84	

B-G2	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	3.78	313.61
B-G2	PIB	Paso Seco	D	Pasture or Range (Fair)	84	57.31	4814.39
B-G2	PIB	Paso Seco	D	Wood (Poor)	83	12.40	1029.29
B-G2	Po	Poncena	D	Brush and Weeds (Poor)	83	1.51	125.54
B-G2	Po	Poncena	D	Pasture or Range (Fair)	84	47.22	3966.29
B-G2	Po	Poncena	D	Pavements and Roofs - Comm. and Ind. areas	98	0.01	0.53
B-G2	Po	Poncena	D	Wood (Poor)	83	3.78	313.41
TOTALS						126.01	10563.07
CNavg						84	

B-G3	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	0.84	70.02
B-G3	PIB	Paso Seco	D	Pasture or Range (Fair)	84	10.21	857.62
B-G3	PIB	Paso Seco	D	Wood (Poor)	83	35.61	2955.95
B-G3	Po	Poncena	D	Brush and Weeds (Poor)	83	0.36	29.93
B-G3	VvB	Vives	B	Pasture or Range (Fair)	69	1.57	108.44
B-G3	VvB	Vives	B	Wood (Poor)	69	2.74	188.72
TOTALS						51.33	4210.67
CNavg						82	

B-OFF-G1	AmC2	Amelia	C	Brush and Weeds (Poor)	77	3.65	280.99
B-OFF-G1	AmB	Amelia	C	Pasture or Range (Fair)	79	86.05	6798.33
B-OFF-G1	AmB	Amelia	C	Pasture or Range (Good)	74	60.26	4459.52
B-OFF-G1	AmB	Amelia	C	Wood (Poor)	77	3.59	276.80
B-OFF-G1	CIB	Coamo	C	Pasture or Range (Fair)	79	55.66	4397.19
B-OFF-G1	CIB	Coamo	C	Pasture or Range (Good)	74	0.58	42.94
B-OFF-G1	DeC2	Descalabrado	D	Pasture or Range (Fair)	84	424.65	35670.83
B-OFF-G1	DeC2	Descalabrado	D	Pasture or Range (Good)	80	26.71	2137.19
B-OFF-G1	DeE2	Descalabrado	D	Wood (Poor)	83	1.18	98.15
B-OFF-G1	JaB	Jacana	D	Brush and Weeds (Poor)	83	0.37	31.01
B-OFF-G1	JaB	Jacana	D	Pasture or Range (Fair)	84	36.89	3098.76
B-OFF-G1	JaB	Jacana	D	Pavements and Roofs - Comm. and Ind. areas	98	0.40	39.09
B-OFF-G1	JaB	Jacana	D	Wood (Poor)	83	20.46	1697.99
B-OFF-G1	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	60.78	5044.39
B-OFF-G1	PIB	Paso Seco	D	Pasture or Range (Fair)	84	13.91	1168.62
B-OFF-G1	PIB	Paso Seco	D	Wood (Poor)	83	18.06	1498.69
B-OFF-G1	PrC2	Pozo Blanco	B	Brush and Weeds (Poor)	66	0.81	53.74
B-OFF-G1	Rs	Rock land	D	Brush and Weeds (Poor)	83	0.00	0.14
B-OFF-G1	Rs	Rock land	D	Pasture or Range (Fair)	84	3.19	268.19
B-OFF-G1	Rs	Rock land	D	Wood (Poor)	83	8.02	665.82
B-OFF-G1	VvB	Vives	B	Brush and Weeds (Poor)	66	13.66	901.74
B-OFF-G1	VvB	Vives	B	Pasture or Range (Fair)	69	37.45	2584.01
B-OFF-G1	VvB	Vives	B	Pasture or Range (Good)	61	0.14	8.31
B-OFF-G1	VvB	Vives	B	Wood (Poor)	67	24.23	1623.20
TOTALS						900.72	72845.65

CNavg

81

B-OFF-G2	AmB	Amelia	C	Lawns, parks, golf courses, cementeries, etc.- vegetation	74	0.56	41.41
B-OFF-G2	AmB	Amelia	C	Pasture or Range (Fair)	79	36.78	2905.31
B-OFF-G2	AmB	Amelia	C	Pasture or Range (Good)	74	8.82	652.77
B-OFF-G2	PIB	Paso Seco	D	Pasture or Range (Fair)	84	31.90	2679.83
B-OFF-G2	PIB	Paso Seco	D	Wood (Poor)	83	6.36	528.27
B-OFF-G2	VvB	Vives	B	Pasture or Range (Fair)	69	93.77	6470.32
B-OFF-G2	VvB	Vives	B	Wood (Poor)	67	4.98	333.93

TOTALS

183.18

13611.83

CNavg

74

B-OFF-G3	PIB	Paso Seco	D	Pasture or Range (Fair)	84	19.36	1626.16
B-OFF-G3	VvB	Vives	B	Lawns, parks, golf courses, cementeries, etc.- vegetation	61	0.01	0.73
B-OFF-G3	VvB	Vives	B	Pasture or Range (Fair)	69	41.99	2896.97

TOTALS

61.36

4523.86

CNavg

74

B-OFF-G4	DgF2	Descalabrado	D	Pasture or Range (Fair)	84	10.07	845.51
B-OFF-G4	Gm	Guamani	B	Pasture or Range (Fair)	69	27.86	1922.07
B-OFF-G4	Gm	Guamani	B	Wood (Poor)	67	3.14	210.33
B-OFF-G4	PIB	Paso Seco	D	Pasture or Range (Fair)	84	47.72	4008.81
B-OFF-G4	PIB	Paso Seco	D	Wood (Poor)	83	32.97	2736.68
B-OFF-G4	VvB	Vives	B	Lawns, parks, golf courses, cementeries, etc.- vegetation	61	0.14	8.45
B-OFF-G4	VvB	Vives	B	Pasture or Range (Fair)	69	110.48	7622.83

TOTALS

232.37

17354.68

CNavg

75

B-OFF-S1	CIB	Coamo	C	Pasture or Range (Fair)	79	1.98	156.14
B-OFF-S1	DeC2	Descalabrado	D	Pasture or Range (Fair)	84	333.83	28042.06
B-OFF-S1	DeE2	Descalabrado	D	Pasture or Range (Good)	80	0.02	1.65
B-OFF-S1	DeE2	Descalabrado	D	Wood (Poor)	83	1.93	160.60
B-OFF-S1	JaB	Jacana	D	Brush and Weeds (Poor)	83	0.10	8.48
B-OFF-S1	JaB	Jacana	D	Pasture or Range (Fair)	84	221.91	18640.34
B-OFF-S1	JaC2	Jacana	D	Pasture or Range (Good)	80	0.04	2.82
B-OFF-S1	JaB	Jacana	D	Wood (Poor)	83	44.62	3703.58
B-OFF-S1	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	0.14	11.33
B-OFF-S1	PIB	Paso Seco	D	Pasture or Range (Fair)	84	3.86	323.85
B-OFF-S1	PIB	Paso Seco	D	Wood (Poor)	83	7.11	589.85

TOTALS

615.53

51640.70

CNavg

84

CN Calculation Sheets

PC

AES - Salinas - PV

Salinas-Guayama, PR

B-OFF-S2	DeE2	Descalabrado	D	Pasture or Range (Fair)	84	4.75	399.25
B-OFF-S2	JaB	Jacana	D	Pasture or Range (Fair)	84	0.44	37.10
TOTALS					5.19	436.35	
CNavg					84		

B-OFF-S3	DeE2	Descalabrado	D	Pasture or Range (Fair)	84	5.44	456.73
B-OFF-S3	JaC2	Jacana	D	Brush and Weeds (Poor)	83	0.00	0.01
B-OFF-S3	JaC2	Jacana	D	Pasture or Range (Fair)	84	4.35	365.77
B-OFF-S3	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	1.35	112.40
B-OFF-S3	PIB	Paso Seco	D	Pasture or Range (Fair)	84	13.94	1170.56
B-OFF-S3	VvB	Vives	B	Brush and Weeds (Poor)	66	0.57	37.39
B-OFF-S3	VvB	Vives	B	Pasture or Range (Fair)	69	7.15	493.21
TOTALS					32.80	2636.08	
CNavg					80		

B-OFF-S4	AmC2	Amelia	C	Brush and Weeds (Poor)	77	0.44	33.85
B-OFF-S4	AmC2	Amelia	C	Wood (Poor)	77	13.38	1030.20
B-OFF-S4	DrF	Descalabrado	D	Wood (Poor)	83	0.20	16.53
B-OFF-S4	JaB	Jacana	D	Brush and Weeds (Poor)	83	0.90	74.69
B-OFF-S4	JaC2	Jacana	D	Wood (Poor)	83	0.54	44.78
B-OFF-S4	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	0.85	70.57
B-OFF-S4	PIB	Paso Seco	D	Wood (Poor)	83	0.57	47.31
B-OFF-S4	PrC2	Pozo Blanco	B	Brush and Weeds (Poor)	66	8.90	587.13
B-OFF-S4	PrC2	Pozo Blanco	B	Wood (Poor)	67	1.95	130.93
B-OFF-S4	Rs	Rock land	D	Wood (Poor)	83	10.52	872.78
B-OFF-S4	VvB	Vives	B	Brush and Weeds (Poor)	66	0.00	0.22
B-OFF-S4	VvB	Vives	B	Wood (Poor)	67	0.10	6.80
TOTALS					38.35	2915.79	
CNavg					76		

B-S1	DeE2	Descalabrado	D	Brush and Weeds (Poor)	83	0.90	74.31
B-S1	DeE2	Descalabrado	D	Pasture or Range (Fair)	84	4.94	415.25
B-S1	JaB	Jacana	D	Brush and Weeds (Poor)	83	4.11	340.81
B-S1	JaB	Jacana	D	Pasture or Range (Fair)	84	3.04	255.27
B-S1	JaC2	Jacana	D	Pasture or Range (Good)	80	0.02	1.99
B-S1	JaB	Jacana	D	Pavements and Roofs - Comm. and Ind. areas	98	3.12	305.95
B-S1	JaC2	Jacana	D	Wood (Poor)	83	0.07	5.62
B-S1	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	27.47	2279.96
B-S1	PIB	Paso Seco	D	Pasture or Range (Fair)	84	7.09	595.24
B-S1	PIB	Paso Seco	D	Pavements and Roofs - Comm. and Ind. areas	98	2.15	211.02
B-S1	PIB	Paso Seco	D	Wood (Poor)	83	0.34	27.85
B-S1	PrC2	Pozo Blanco	B	Brush and Weeds (Poor)	66	3.04	200.66
B-S1	PrC2	Pozo Blanco	B	Pavements and Roofs - Comm. and Ind. areas	98	7.90	774.46
B-S1	VvB	Vives	B	Brush and Weeds (Poor)	66	0.02	1.57
B-S1	VvB	Vives	B	Pasture or Range (Fair)	69	4.94	340.52
TOTALS					69.14	5830.48	
CNavg					84		

B-S2	DeE2	Descalabrado	D	Pasture or Range (Fair)	84	7.95	667.60
B-S2	JaB	Jacana	D	Brush and Weeds (Poor)	83	3.83	317.98
B-S2	JaB	Jacana	D	Pasture or Range (Fair)	84	18.55	1558.04
B-S2	JaB	Jacana	D	Pavements and Roofs - Comm. and Ind. areas	98	0.27	26.23

CN Calculation Sheets

PC

AES - Salinas - PV

Salinas-Guayama, PR

B-S2	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	0.02	1.26
B-S2	PIB	Paso Seco	D	Pasture or Range (Fair)	84	5.98	502.52
B-S2	PrC2	Pozo Blanco	B	Brush and Weeds (Poor)	66	2.62	172.90
B-S2	PrC2	Pozo Blanco	B	Pasture or Range (Fair)	69	62.45	4308.97
B-S2	PrC2	Pozo Blanco	B	Pavements and Roofs - Comm. and Ind. areas	98	0.11	10.95
B-S2	VvB	Vives	B	Pasture or Range (Fair)	69	0.17	11.53

TOTALS **101.94** **7577.98**

CNavg **74**

B-S3	DeE2	Descalabrado	D	Pasture or Range (Fair)	84	1.15	96.24
B-S3	DrF	Descalabrado	D	Wood (Poor)	83	2.95	244.88
B-S3	JaC2	Jacana	D	Pasture or Range (Fair)	84	5.56	467.44
B-S3	JaC2	Jacana	D	Wood (Poor)	83	1.70	141.46
B-S3	VvB	Vives	B	Pasture or Range (Fair)	69	8.82	608.33
B-S3	VvB	Vives	B	Wood (Poor)	67	0.63	42.32

TOTALS **20.81** **1600.66**

CNavg **77**

B-S4	AmC2	Amelia	C	Wood (Poor)	77	0.09	6.90
B-S4	DrF	Descalabrado	D	Wood (Poor)	83	4.17	346.26
B-S4	JaC2	Jacana	D	Brush and Weeds (Poor)	83	0.03	2.20
B-S4	JaC2	Jacana	D	Wood (Poor)	83	1.51	125.49
B-S4	PrC2	Pozo Blanco	B	Brush and Weeds (Poor)	66	1.59	104.81
B-S4	PrC2	Pozo Blanco	B	Wood (Poor)	67	0.24	16.30

TOTALS **7.63** **601.97**

CNavg **79**

B-S5	AmC2	Amelia	C	Brush and Weeds (Poor)	77	0.02	1.92
B-S5	AmC2	Amelia	C	Pasture or Range (Fair)	79	2.50	197.29
B-S5	AmC2	Amelia	C	Wood (Poor)	77	1.95	150.30
B-S5	DeE2	Descalabrado	D	Pasture or Range (Fair)	84	5.32	447.05
B-S5	DrF	Descalabrado	D	Wood (Poor)	83	8.63	716.70
B-S5	JaC2	Jacana	D	Pasture or Range (Fair)	84	1.76	148.07
B-S5	VvB	Vives	B	Pasture or Range (Fair)	69	0.02	1.68

TOTALS **20.22** **1663.02**

CNavg **82**

B-S6	PIB	Paso Seco	D	Pasture or Range (Fair)	84	15.08	1266.97
B-S6	VvB	Vives	B	Pasture or Range (Fair)	69	4.49	309.47

TOTALS **19.57** **1576.44**

CNavg **81**

B-S7	AmC2	Amelia	C	Pasture or Range (Fair)	79	0.43	33.60
B-S7	DeE2	Descalabrado	D	Pasture or Range (Fair)	84	0.00	0.35
B-S7	PIB	Paso Seco	D	Brush and Weeds (Poor)	83	12.38	1027.71
B-S7	PIB	Paso Seco	D	Pasture or Range (Fair)	84	158.55	13317.83
B-S7	PIB	Paso Seco	D	Res. lot 8000m2 (2.0 acre) - vegetation	81	0.00	0.07
B-S7	PIB	Paso Seco	D	Wood (Poor)	83	27.21	2258.40
B-S7	VvB	Vives	B	Brush and Weeds (Poor)	66	4.33	285.72
B-S7	VvB	Vives	B	Pasture or Range (Fair)	69	62.25	4295.45
B-S7	VvB	Vives	B	Wood (Poor)	67	5.91	395.72

TOTALS **271.06** **21614.85**

CNavg **80**



Appendix N: Time of Concentration Calculation for EC and PC

Tc Calculation Sheets**EC**

Hydrology: EC
Basin: B-G1
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	299.37	ac	121.16	ha
Total Flow Length	4618.49	ft	1408.08	m
Average Watershed Slope (%)	3.16			
CN	79	AMC II		
Time of Concentration (SCS)	62.30	min	1.04	hr

Hydrology: EC
Basin: B-G2
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	126.01	acr	50.99	ha
Total Flow Length	3321.00	ft	1012.50	m
Average Watershed Slope (%)	4.91			
CN	83	AMC II		
Time of Concentration (SCS)	34.00	min	0.57	hr

Hydrology: EC
Basin: B-G3
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	51.33	acr	20.78	ha
Total Flow Length	5656.89	ft	1724.66	m
Average Watershed Slope (%)	3.98			
CN	82	AMC II		
Time of Concentration (SCS)	60.49	min	1.01	hr

Hydrology: EC
Basin: B-OFF-G1
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	900.72	acr	364.52	ha
Total Flow Length	11920.65	ft	3634.35	m
Average Watershed Slope (%)	20.49			
CN	81	AMC II		
Time of Concentration (SCS)	49.60	min	0.83	hr

Tc Calculation Sheets

EC

Hydrology: EC
Basin: B-OFF-G2
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	183.18	acr	74.13	ha
Total Flow Length	5357.54	ft	1633.40	m
Average Watershed Slope (%)	4.21			
CN	74	AMC II		
Time of Concentration (SCS)	70.21	min	1.17	hr

Hydrology: EC
Basin: B-OFF-G3
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	61.36	acr	24.83	ha
Total Flow Length	2712.12	ft	826.86	m
Average Watershed Slope (%)	3.04			
CN	74	AMC II		
Time of Concentration (SCS)	48.77	min	0.81	hr

Hydrology: EC
Basin: B-OFF-G4
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	232.37	acr	94.04	ha
Total Flow Length	4664.31	ft	1422.05	m
Average Watershed Slope	3.14			
CN	75	AMC II		
Time of Concentration (SCS)	72.03	min	1.20	hr

Hydrology: EC
Basin: B-OFF-S1
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	615.53	acr	249.11	ha
Total Flow Length	7228.48	ft	2203.81	m
Average Watershed Slope (%)	17.27			
CN	84	AMC II		
Time of Concentration (SCS)	32.78	min	0.55	hr

Tc Calculation Sheets**EC**

Hydrology: EC
Basin: B-OFF-S2
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	5.19	acr	2.10	ha
Total Flow Length	668.59	ft	203.84	m
Average Watershed Slope (%)	13.46			
CN	84	AMC II		
Time of Concentration (SCS)	5.51	min	0.09	hr

Hydrology: EC
Basin: B-OFF-S3
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	32.80	acr	13.27	ha
Total Flow Length	1850.73	ft	564.25	m
Average Watershed Slope (%)	7.87			
CN	80	AMC II		
Time of Concentration (SCS)	18.32	min	0.31	hr

Hydrology: EC
Basin: B-OFF-S4
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	38.35	acr	15.52	ha
Total Flow Length	2102.39	ft	640.97	m
Average Watershed Slope (%)	12.89			
CN	76	AMC II		
Time of Concentration (SCS)	18.07	min	0.30	hr

Hydrology: EC
Basin: B-S1
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	69.14	acr	27.98	ha
Total Flow Length	2507.21	ft	764.39	m
Average Watershed Slope (%)	7.09			
CN	84	AMC II		
Time of Concentration (SCS)	21.93	min	0.37	hr

Tc Calculation Sheets**EC**

Hydrology: EC
Basin: B-S2
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	101.94	acr	41.25	ha
Total Flow Length	3222.74	ft	982.54	m
Average Watershed Slope (%)	7.92			
CN	72	AMC II		
Time of Concentration (SCS)	36.21	min	0.60	hr

Hydrology: EC
Basin: B-S3
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	20.81	acr	8.42	ha
Total Flow Length	1350.68	ft	411.79	m
Average Watershed Slope (%)	12.53			
CN	76	AMC II		
Time of Concentration (SCS)	12.98	min	0.22	hr

Hydrology: EC
Basin: B-S4
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	7.63	acr	3.09	ha
Total Flow Length	646.04	ft	196.96	m
Average Watershed Slope (%)	21.25			
CN	79	AMC II		
Time of Concentration (SCS)	5.03	min	0.08	hr

Hydrology: EC
Basin: B-S5
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	20.22	acr	8.18	ha
Total Flow Length	1208.01	ft	368.30	m
Average Watershed Slope (%)	19.03			
CN	82	AMC II		
Time of Concentration (SCS)	8.04	min	0.13	hr

Tc Calculation Sheets**EC**

Hydrology: EC
Basin: B-S6
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	19.57	acr	7.92	ha
Total Flow Length	3796.74	ft	1157.54	m
Average Watershed Slope (%)	3.52			
CN	79	AMC II		
Time of Concentration (SCS)	50.61	min	0.84	hr

Hydrology: EC
Basin: B-S7
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	271.06	acr	109.70	ha
Total Flow Length	5217.93	ft	1590.83	m
Average Watershed Slope (%)	3.70			
CN	78	AMC II		
Time of Concentration (SCS)	64.86	min	1.08	hr

Tc Calculation Sheets**PC**

Hydrology: PC
Basin: B-G1
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	299.37	ac	121.16	ha
Total Flow Length	4618.49	ft	1408.08	m
Average Watershed Slope (%)	3.16			
CN	84	AMC II		
Time of Concentration (SCS)	53.03	min	0.88	hr

Hydrology: PC
Basin: B-G2
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	126.01	acr	50.99	ha
Total Flow Length	3321.00	ft	1012.50	m
Average Watershed Slope (%)	4.91			
CN	84	AMC II		
Time of Concentration (SCS)	33.07	min	0.55	hr

Hydrology: PC
Basin: B-G3
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	51.33	acr	20.78	ha
Total Flow Length	5656.89	ft	1724.66	m
Average Watershed Slope (%)	3.98			
CN	82	AMC II		
Time of Concentration (SCS)	59.73	min	1.00	hr

Hydrology: PC
Basin: B-OFF-G1
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	900.72	acr	364.52	ha
Total Flow Length	11920.65	ft	3634.35	m
Average Watershed Slope (%)	20.49			
CN	81	AMC II		
Time of Concentration (SCS)	49.60	min	0.83	hr

Tc Calculation Sheets

PC

Hydrology: PC
Basin: B-OFF-G2
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	183.18	acr	74.13	ha
Total Flow Length	5357.54	ft	1633.40	m
Average Watershed Slope (%)	4.21			
CN	74	AMC II		
Time of Concentration (SCS)	70.21	min	1.17	hr

Hydrology: PC
Basin: B-OFF-G3
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	61.36	acr	24.83	ha
Total Flow Length	2712.12	ft	826.86	m
Average Watershed Slope (%)	3.04			
CN	74	AMC II		
Time of Concentration (SCS)	48.77	min	0.81	hr

Hydrology: PC
Basin: B-OFF-G4
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	232.37	acr	94.04	ha
Total Flow Length	4664.31	ft	1422.05	m
Average Watershed Slope (%)	313.95%			
CN	75	AMC II		
Time of Concentration (SCS)	72.03	min	1.20	hr

Hydrology: PC
Basin: B-OFF-S1
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	615.53	acr	249.11	ha
Total Flow Length	7228.48	ft	2203.81	m
Average Watershed Slope (%)	17.27			
CN	84	AMC II		
Time of Concentration (SCS)	32.78	min	0.55	hr

Tc Calculation Sheets**PC**

Hydrology: PC
Basin: B-OFF-S2
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	5.19	acr	2.10	ha
Total Flow Length	668.59	ft	203.84	m
Average Watershed Slope (%)	13.46			
CN	84	AMC II		
Time of Concentration (SCS)	5.51	min	0.09	hr

Hydrology: PC
Basin: B-OFF-S3
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	32.80	acr	13.27	ha
Total Flow Length	1850.73	ft	564.25	m
Average Watershed Slope (%)	7.87			
CN	80	AMC II		
Time of Concentration (SCS)	18.32	min	0.31	hr

Hydrology: PC
Basin: B-OFF-S4
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	38.35	acr	15.52	ha
Total Flow Length	2102.39	ft	640.97	m
Average Watershed Slope (%)	12.89			
CN	76	AMC II		
Time of Concentration (SCS)	18.07	min	0.30	hr

Hydrology: PC
Basin: B-S1
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	69.14	acr	27.98	ha
Total Flow Length	2507.21	ft	764.39	m
Average Watershed Slope (%)	7.09			
CN	84	AMC II		
Time of Concentration (SCS)	21.61	min	0.36	hr

Tc Calculation Sheets**PC**

Hydrology: PC
Basin: B-S2
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	101.94	acr	41.25	ha
Total Flow Length	3222.74	ft	982.54	m
Average Watershed Slope (%)	101.94			
CN	74	AMC II		
Time of Concentration (SCS)	9.50	min	0.16	hr

Hydrology: PC
Basin: B-S3
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	20.81	acr	8.42	ha
Total Flow Length	1350.68	ft	411.79	m
Average Watershed Slope (%)	20.81			
CN	77	AMC II		
Time of Concentration (SCS)	9.73	min	0.16	hr

Hydrology: PC
Basin: B-S4
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	7.63	acr	3.09	ha
Total Flow Length	646.04	ft	196.96	m
Average Watershed Slope (%)	7.63			
CN	79	AMC II		
Time of Concentration (SCS)	8.39	min	0.14	hr

Hydrology: PC
Basin: B-S5
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	20.22	acr	8.18	ha
Total Flow Length	1208.01	ft	368.30	m
Average Watershed Slope (%)	19.03			
CN	82	AMC II		
Time of Concentration (SCS)	7.88	min	0.13	hr

Tc Calculation Sheets**PC**

Hydrology: PC
Basin: B-S6
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	19.57	acr	7.92	ha
Total Flow Length	3796.74	ft	1157.54	m
Average Watershed Slope (%)	3.52			
CN	81	AMC II		
Time of Concentration (SCS)	48.36	min	0.81	hr

Hydrology: PC
Basin: B-S7
Project: AES - Salinas - PV
Location: Salinas-Guayama, PR
Date: 8-Nov-22

Area	271.06	acr	109.70	ha
Total Flow Length	5217.93	ft	1590.83	m
Average Watershed Slope (%)	3.70			
CN	80	AMC II		
Time of Concentration (SCS)	62.42	min	1.04	hr



Appendix O: Existing Condition ICPR Report

Simulation: 100-12hr-10%
 Scenario: EC
 Run Date/Time: 11/16/2022 4:50:06 PM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.0500	900.0000
Max Calculation Time:		10.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0000 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0000 ft	Rainfall Name: 12hr-10%
	Rainfall Amount: 12.40 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0150 ft	Dflt Damping (1D): 0.0150 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 100-12hr-90%

Scenario: EC
 Run Date/Time: 11/16/2022 10:18:17 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 12.40 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 100-1hr-10%
Scenario: EC
Run Date/Time: 11/16/2022 10:19:15 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				5.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				5.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.84 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 100-1hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 10:19:37 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.84 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 100-24hr-10%
 Scenario: EC
 Run Date/Time: 11/16/2022 3:19:54 PM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.0500	900.0000
Max Calculation Time:		10.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0000 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0000 ft	Rainfall Name: 24hr-10%
	Rainfall Amount: 15.80 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0150 ft	Dflt Damping (1D): 0.0150 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 100-24hr-90%
 Scenario: EC
 Run Date/Time: 11/16/2022 10:22:47 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	2	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 15.80 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 100-6hr-10%
Scenario: EC
Run Date/Time: 11/16/2022 4:54:12 PM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0001 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-10%
Link Optimizer Tol: 0.0000 ft	Rainfall Amount: 9.30 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0100 ft
Dflt Damping (2D): 0.0100 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 100-6hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 10:25:19 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 9.30 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 10yr-12hr-10%
 Scenario: EC
 Run Date/Time: 11/16/2022 10:26:14 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight:	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft	OF Region Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	12hr-10%
		Rainfall Amount:	7.13 in
Edge Length Option:	Automatic	Storm Duration:	12.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	1 ft2	Min Node Srf Area (1D):	113 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment:

Simulation: 10yr-12hr-90%
 Scenario: EC
 Run Date/Time: 11/16/2022 10:27:20 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 7.13 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 10yr-1hr-10%
Scenario: EC
Run Date/Time: 11/16/2022 10:28:15 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 5.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 5.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.74 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 10yr-1hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 10:28:38 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.74 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 10yr-24hr-10%
 Scenario: EC
 Run Date/Time: 11/16/2022 10:29:02 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight:	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft	OF Region Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	24hr-10%
		Rainfall Amount:	8.69 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
Dft Damping (2D):	0.0050 ft	Dft Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	1 ft2	Min Node Srf Area (1D):	113 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment:

Simulation: 10yr-24hr-90%
 Scenario: EC
 Run Date/Time: 11/16/2022 10:31:12 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 8.69 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 10yr-6hr-10%
Scenario: EC
Run Date/Time: 11/16/2022 10:33:07 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 5.66 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 10yr-6hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 10:34:05 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 5.66 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 25yr-12hr-10%
 Scenario: EC
 Run Date/Time: 11/16/2022 10:35:02 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight:	0.5 dec		
Fact:		Smp/Man Basin Rain Opt:	Global
dZ Tolerance:	0.0010 ft	OF Region Rain Opt:	Global
Max dZ:	1.0000 ft	Rainfall Name:	12hr-10%
Link Optimizer Tol:	0.0001 ft	Rainfall Amount:	9.07 in
Edge Length Option:	Automatic	Storm Duration:	12.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	1 ft2	Min Node Srf Area (1D):	113 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment:

Simulation: 25yr-12hr-90%
 Scenario: EC
 Run Date/Time: 11/16/2022 10:36:19 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 9.07 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 25yr-1hr-10%
Scenario: EC
Run Date/Time: 11/16/2022 10:37:30 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				5.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				5.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.18 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 25yr-1hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 10:37:55 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.18 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 25yr-24hr-10%
 Scenario: EC
 Run Date/Time: 11/16/2022 10:38:19 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight:	0.5 dec		
Fact:		Smp/Man Basin Rain Opt:	Global
dZ Tolerance:	0.0010 ft	OF Region Rain Opt:	Global
Max dZ:	1.0000 ft	Rainfall Name:	24hr-10%
Link Optimizer Tol:	0.0001 ft	Rainfall Amount:	11.30 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	1 ft2	Min Node Srf Area (1D):	113 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment:

Simulation: 25yr-24hr-90%
 Scenario: EC
 Run Date/Time: 11/16/2022 10:40:52 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 11.30 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 25yr-6hr-10%
Scenario: EC
Run Date/Time: 11/16/2022 10:42:40 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: 6hr-10%
Rainfall Amount: 7.03 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 25yr-6hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 10:43:35 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: 6hr-90%
Rainfall Amount: 7.03 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 2yr-12hr-10%
 Scenario: EC
 Run Date/Time: 11/16/2022 10:44:37 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic
 Dft Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 1 ft2
 Energy Switch (2D): Energy
 IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False
 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: 12hr-10%
 Rainfall Amount: 4.15 in
 Storm Duration: 12.0000 hr
 Dft Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 113 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 2yr-12hr-90%

Scenario: EC
 Run Date/Time: 11/16/2022 10:45:56 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 4.15 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 2yr-1hr-10%
Scenario: EC
Run Date/Time: 11/16/2022 10:46:53 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 5.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.00 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 2yr-1hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 10:47:13 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.00 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 2yr-24hr-10%
 Scenario: EC
 Run Date/Time: 11/16/2022 10:47:31 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:
 Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic
 Dft Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 1 ft2
 Energy Switch (2D): Energy
 IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False
 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: 24hr-10%
 Rainfall Amount: 4.87 in
 Storm Duration: 24.0000 hr
 Dft Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 113 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 2yr-24hr-90%

Scenario: EC
 Run Date/Time: 11/16/2022 10:48:44 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 30.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 4.87 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 2yr-6hr-10%
Scenario: EC
Run Date/Time: 11/16/2022 10:49:48 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy
IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: 6hr-10%
Rainfall Amount: 3.47 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 2yr-6hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 10:50:39 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy
IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: 6hr-90%
Rainfall Amount: 3.47 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 50-12hr-10%

Scenario: EC
 Run Date/Time: 11/16/2022 10:51:25 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight:	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft	OF Region Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	12hr-10%
		Rainfall Amount:	10.70 in
Edge Length Option:	Automatic	Storm Duration:	12.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	1 ft2	Min Node Srf Area (1D):	113 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment:

Simulation: 50-12hr-90%

Scenario: EC
 Run Date/Time: 11/16/2022 10:52:46 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 10.70 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 50-1hr-10%

Scenario: EC
Run Date/Time: 11/16/2022 10:53:46 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				5.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				5.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.51 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 50-1hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 10:54:07 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.51 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 50-24hr-10%

Scenario: EC
 Run Date/Time: 11/16/2022 10:54:26 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic
 Dft Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 1 ft2
 Energy Switch (2D): Energy
 IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False
 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: 24hr-10%
 Rainfall Amount: 13.40 in
 Storm Duration: 24.0000 hr
 Dft Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 113 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 50-24hr-90%

Scenario: EC
 Run Date/Time: 11/16/2022 10:56:45 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 13.40 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 50-6hr-10%
Scenario: EC
Run Date/Time: 11/16/2022 10:59:21 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 8.14 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 50-6hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 11:00:18 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 8.14 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 5yr-12hr-10%
 Scenario: EC
 Run Date/Time: 11/16/2022 11:01:14 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight:	0.5 dec		
Fact:		Smp/Man Basin Rain Opt:	Global
dZ Tolerance:	0.0010 ft	OF Region Rain Opt:	Global
Max dZ:	1.0000 ft	Rainfall Name:	12hr-10%
Link Optimizer Tol:	0.0001 ft	Rainfall Amount:	5.78 in
Edge Length Option:	Automatic	Storm Duration:	12.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	1 ft2	Min Node Srf Area (1D):	113 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment:

Simulation: 5yr-12hr-90%
 Scenario: EC
 Run Date/Time: 11/16/2022 11:02:24 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 5.78 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 5yr-1hr-10%
Scenario: EC
Run Date/Time: 11/16/2022 11:03:31 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.42 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 5yr-1hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 11:03:46 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.42 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 5yr-24hr-10%
 Scenario: EC
 Run Date/Time: 11/16/2022 11:04:08 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

<p>Resources</p> <p>Rainfall Folder: ICPR3 Reference ET Folder: Unit Hydrograph Folder:</p>	<p>Lookup Tables</p> <p>Boundary Stage Set: Extern Hydrograph Set: Curve Number Set: Green-Ampt Set: Vertical Layers Set: Impervious Set: Roughness Set: Crop Coef Set: Fillable Porosity Set:</p>
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Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-10%
	Rainfall Amount: 6.93 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
	Energy Switch (1D): Energy
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 5yr-24hr-90%
 Scenario: EC
 Run Date/Time: 11/16/2022 11:05:18 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 30.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 6.93 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 5yr-6hr-10%
Scenario: EC
Run Date/Time: 11/16/2022 11:06:25 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 4.69 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 5yr-6hr-90%

Scenario: EC
Run Date/Time: 11/16/2022 11:07:19 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 4.69 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simple Basin: B-G1	
Scenario:	EC
Node:	N-G1-OUT
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	62.3000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH484
Peaking Factor:	484.0
Area:	299.3700 ac
Curve Number:	79.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	
Comment:	

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G1	100-12hr-10%	1167.64	1.8000	12.40	9.72	299.3700	79.0	0.00	0.00
B-G1	100-12hr-90%	964.48	12.2333	12.40	9.72	299.3700	79.0	0.00	0.00
B-G1	100-1hr-10%	482.85	1.1500	3.84	1.67	299.3700	79.0	0.00	0.00
B-G1	100-1hr-90%	583.22	1.5667	3.84	1.42	299.3700	79.0	0.00	0.00
B-G1	100-24hr-10%	1071.66	1.9500	15.80	13.03	299.3700	79.0	0.00	0.00
B-G1	100-24hr-90%	1064.30	24.2167	15.80	13.03	299.3700	79.0	0.00	0.00
B-G1	100-6hr-10%	1171.78	1.5833	9.30	6.74	299.3700	79.0	0.00	0.00
B-G1	100-6hr-90%	935.19	6.2167	9.30	6.74	299.3700	79.0	0.00	0.00
B-G1	10yr-12hr-10%	567.18	1.9667	7.13	4.71	299.3700	79.0	0.00	0.00
B-G1	10yr-12hr-90%	516.04	12.2333	7.13	4.71	299.3700	79.0	0.00	0.00
B-G1	10yr-1hr-10%	266.27	1.1833	2.74	0.90	299.3700	79.0	0.00	0.00
B-G1	10yr-1hr-90%	320.85	1.5833	2.74	0.77	299.3700	79.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G1	10yr-24hr-10%	494.20	2.2167	8.69	6.17	299.3700	79.0	0.00	0.00
B-G1	10yr-24hr-90%	554.90	24.2167	8.69	6.17	299.3700	79.0	0.00	0.00
B-G1	10yr-6hr-10%	595.77	1.6667	5.66	3.38	299.3700	79.0	0.00	0.00
B-G1	10yr-6hr-90%	512.23	6.2333	5.66	3.38	299.3700	79.0	0.00	0.00
B-G1	25yr-12hr-10%	784.36	1.8833	9.07	6.52	299.3700	79.0	0.00	0.00
B-G1	25yr-12hr-90%	682.17	12.2333	9.07	6.52	299.3700	79.0	0.00	0.00
B-G1	25yr-1hr-10%	349.53	1.1667	3.18	1.20	299.3700	79.0	0.00	0.00
B-G1	25yr-1hr-90%	421.95	1.5667	3.18	1.02	299.3700	79.0	0.00	0.00
B-G1	25yr-24hr-10%	701.39	2.0833	11.30	8.65	299.3700	79.0	0.00	0.00
B-G1	25yr-24hr-90%	743.18	24.2167	11.30	8.65	299.3700	79.0	0.00	0.00
B-G1	25yr-6hr-10%	808.47	1.6333	7.03	4.62	299.3700	79.0	0.00	0.00
B-G1	25yr-6hr-90%	671.76	6.2333	7.03	4.62	299.3700	79.0	0.00	0.00
B-G1	2yr-12hr-10%	253.74	2.1667	4.15	2.09	299.3700	79.0	0.00	0.00
B-G1	2yr-12hr-90%	259.33	12.2667	4.15	2.09	299.3700	79.0	0.00	0.00
B-G1	2yr-1hr-10%	140.83	1.2167	2.00	0.47	299.3700	79.0	0.00	0.00
B-G1	2yr-1hr-90%	168.40	1.5833	2.00	0.40	299.3700	79.0	0.00	0.00
B-G1	2yr-24hr-10%	210.83	2.5000	4.87	2.70	299.3700	79.0	0.00	0.00
B-G1	2yr-24hr-90%	275.93	24.2333	4.87	2.70	299.3700	79.0	0.00	0.00
B-G1	2yr-6hr-10%	277.50	1.7833	3.47	1.55	299.3700	79.0	0.00	0.00
B-G1	2yr-6hr-90%	259.95	6.2667	3.47	1.55	299.3700	79.0	0.00	0.00
B-G1	50-12hr-10%	970.79	1.8500	10.70	8.08	299.3700	79.0	0.00	0.00
B-G1	50-12hr-90%	820.76	12.2333	10.70	8.08	299.3700	79.0	0.00	0.00
B-G1	50-1hr-10%	415.03	1.1500	3.51	1.43	299.3700	79.0	0.00	0.00
B-G1	50-1hr-90%	501.36	1.5667	3.51	1.21	299.3700	79.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-G1	50-24hr-10%	872.75	2.0000	13.40	10.69	299.3700	79.0	0.00	0.00
B-G1	50-24hr-90%	893.48	24.2167	13.40	10.69	299.3700	79.0	0.00	0.00
B-G1	50-6hr-10%	984.81	1.6167	8.14	5.65	299.3700	79.0	0.00	0.00
B-G1	50-6hr-90%	800.74	6.2167	8.14	5.65	299.3700	79.0	0.00	0.00
B-G1	5yr-12hr-10%	420.92	2.0333	5.78	3.49	299.3700	79.0	0.00	0.00
B-G1	5yr-12hr-90%	399.79	12.2500	5.78	3.49	299.3700	79.0	0.00	0.00
B-G1	5yr-1hr-10%	209.41	1.2000	2.42	0.71	299.3700	79.0	0.00	0.00
B-G1	5yr-1hr-90%	251.82	1.5833	2.42	0.60	299.3700	79.0	0.00	0.00
B-G1	5yr-24hr-10%	359.67	2.3333	6.93	4.53	299.3700	79.0	0.00	0.00
B-G1	5yr-24hr-90%	426.84	24.2333	6.93	4.53	299.3700	79.0	0.00	0.00
B-G1	5yr-6hr-10%	450.36	1.7167	4.69	2.54	299.3700	79.0	0.00	0.00
B-G1	5yr-6hr-90%	399.63	6.2500	4.69	2.54	299.3700	79.0	0.00	0.00

Simple Basin: B-G2

Scenario: EC
 Node: N-G2C
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 34.0000 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 126.0100 ac
 Curve Number: 83.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G2	100-12hr-10%	574.81	1.2500	12.40	10.26	126.0100	83.0	0.00	0.00
B-G2	100-12hr-90%	456.01	12.0833	12.40	10.26	126.0100	83.0	0.00	0.00
B-G2	100-1hr-10%	309.85	0.7167	3.84	2.14	126.0100	83.0	0.00	0.00
B-G2	100-1hr-90%	485.40	1.2500	3.84	2.10	126.0100	83.0	0.00	0.00
B-G2	100-24hr-10%	517.51	1.2833	15.80	13.61	126.0100	83.0	0.00	0.00
B-G2	100-24hr-90%	498.27	24.0667	15.80	13.61	126.0100	83.0	0.00	0.00
B-G2	100-6hr-10%	612.37	1.1333	9.30	7.24	126.0100	83.0	0.00	0.00
B-G2	100-6hr-90%	447.60	6.0500	9.30	7.24	126.0100	83.0	0.00	0.00
B-G2	10yr-12hr-10%	286.66	1.4000	7.13	5.16	126.0100	83.0	0.00	0.00
B-G2	10yr-12hr-90%	251.23	12.0833	7.13	5.16	126.0100	83.0	0.00	0.00
B-G2	10yr-1hr-10%	177.41	0.7667	2.74	1.24	126.0100	83.0	0.00	0.00
B-G2	10yr-1hr-90%	286.25	1.2667	2.74	1.21	126.0100	83.0	0.00	0.00
B-G2	10yr-24hr-10%	243.22	1.6500	8.69	6.65	126.0100	83.0	0.00	0.00
B-G2	10yr-24hr-90%	265.50	24.0667	8.69	6.65	126.0100	83.0	0.00	0.00
B-G2	10yr-6hr-10%	323.24	1.2167	5.66	3.78	126.0100	83.0	0.00	0.00
B-G2	10yr-6hr-90%	255.96	6.0667	5.66	3.78	126.0100	83.0	0.00	0.00
B-G2	25yr-12hr-10%	391.02	1.3333	9.07	7.02	126.0100	83.0	0.00	0.00
B-G2	25yr-12hr-90%	327.08	12.0833	9.07	7.02	126.0100	83.0	0.00	0.00
B-G2	25yr-1hr-10%	228.33	0.7333	3.18	1.59	126.0100	83.0	0.00	0.00
B-G2	25yr-1hr-90%	363.98	1.2500	3.18	1.56	126.0100	83.0	0.00	0.00
B-G2	25yr-24hr-10%	340.20	1.3833	11.30	9.18	126.0100	83.0	0.00	0.00
B-G2	25yr-24hr-90%	351.42	24.0667	11.30	9.18	126.0100	83.0	0.00	0.00
B-G2	25yr-6hr-10%	430.70	1.1833	7.03	5.07	126.0100	83.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G2	25yr-6hr-9 0%	328.47	6.0500	7.03	5.07	126.0100	83.0	0.00	0.00
B-G2	2yr-12hr-1 0%	134.00	1.6000	4.15	2.42	126.0100	83.0	0.00	0.00
B-G2	2yr-12hr-9 0%	133.16	12.0833	4.15	2.42	126.0100	83.0	0.00	0.00
B-G2	2yr-1hr-10 %	100.78	0.8667	2.00	0.69	126.0100	83.0	0.00	0.00
B-G2	2yr-1hr-90 %	163.61	1.2667	2.00	0.68	126.0100	83.0	0.00	0.00
B-G2	2yr-24hr-1 0%	108.08	1.7667	4.87	3.06	126.0100	83.0	0.00	0.00
B-G2	2yr-24hr-9 0%	137.93	24.0833	4.87	3.06	126.0100	83.0	0.00	0.00
B-G2	2yr-6hr-10 %	159.25	1.3167	3.47	1.84	126.0100	83.0	0.00	0.00
B-G2	2yr-6hr-90 %	139.17	6.0667	3.47	1.84	126.0100	83.0	0.00	0.00
B-G2	50-12hr-1 0%	480.50	1.2833	10.70	8.60	126.0100	83.0	0.00	0.00
B-G2	50-12hr-9 0%	390.35	12.0833	10.70	8.60	126.0100	83.0	0.00	0.00
B-G2	50-1hr-10 %	268.45	0.7167	3.51	1.86	126.0100	83.0	0.00	0.00
B-G2	50-1hr-90 %	424.19	1.2500	3.51	1.83	126.0100	83.0	0.00	0.00
B-G2	50-24hr-1 0%	422.33	1.3167	13.40	11.24	126.0100	83.0	0.00	0.00
B-G2	50-24hr-9 0%	420.10	24.0667	13.40	11.24	126.0100	83.0	0.00	0.00
B-G2	50-6hr-10 %	519.11	1.1500	8.14	6.12	126.0100	83.0	0.00	0.00
B-G2	50-6hr-90 %	386.88	6.0500	8.14	6.12	126.0100	83.0	0.00	0.00
B-G2	5yr-12hr-1 0%	215.92	1.4667	5.78	3.90	126.0100	83.0	0.00	0.00
B-G2	5yr-12hr-9 0%	198.00	12.0833	5.78	3.90	126.0100	83.0	0.00	0.00
B-G2	5yr-1hr-10 %	142.71	0.8167	2.42	0.99	126.0100	83.0	0.00	0.00
B-G2	5yr-1hr-90 %	231.69	1.2667	2.42	0.97	126.0100	83.0	0.00	0.00
B-G2	5yr-24hr-1 0%	179.94	1.7000	6.93	4.97	126.0100	83.0	0.00	0.00
B-G2	5yr-24hr-9 0%	207.06	24.0667	6.93	4.97	126.0100	83.0	0.00	0.00
B-G2	5yr-6hr-10 %	248.92	1.2500	4.69	2.90	126.0100	83.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-G2	5yr-6hr-90 %	204.33	6.0667	4.69	2.90	126.0100	83.0	0.00	0.00

Simple Basin: B-G3

Scenario: EC
 Node: N-G2-G3
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 60.4900 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 51.3300 ac
 Curve Number: 82.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G3	100-12hr-10%	210.02	1.7333	12.40	10.13	51.3300	82.0	0.00	0.00
B-G3	100-12hr-90%	168.73	12.2167	12.40	10.13	51.3300	82.0	0.00	0.00
B-G3	100-1hr-1 0%	94.56	1.1167	3.84	1.90	51.3300	82.0	0.00	0.00
B-G3	100-1hr-9 0%	115.34	1.5333	3.84	1.64	51.3300	82.0	0.00	0.00
B-G3	100-24hr-10%	192.29	1.8667	15.80	13.47	51.3300	82.0	0.00	0.00
B-G3	100-24hr-90%	185.15	24.2000	15.80	13.47	51.3300	82.0	0.00	0.00
B-G3	100-6hr-1 0%	213.26	1.5333	9.30	7.12	51.3300	82.0	0.00	0.00
B-G3	100-6hr-9	165.57	6.2000	9.30	7.12	51.3300	82.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-G3	10yr-12hr-10%	104.71	1.8833	7.13	5.05	51.3300	82.0	0.00	0.00
B-G3	10yr-12hr-90%	91.92	12.2167	7.13	5.05	51.3300	82.0	0.00	0.00
B-G3	10yr-1hr-10%	54.26	1.1333	2.74	1.08	51.3300	82.0	0.00	0.00
B-G3	10yr-1hr-90%	66.22	1.5500	2.74	0.93	51.3300	82.0	0.00	0.00
B-G3	10yr-24hr-10%	90.87	2.0833	8.69	6.53	51.3300	82.0	0.00	0.00
B-G3	10yr-24hr-90%	97.89	24.2167	8.69	6.53	51.3300	82.0	0.00	0.00
B-G3	10yr-6hr-10%	111.61	1.6167	5.66	3.68	51.3300	82.0	0.00	0.00
B-G3	10yr-6hr-90%	92.92	6.2167	5.66	3.68	51.3300	82.0	0.00	0.00
B-G3	25yr-12hr-10%	142.96	1.8167	9.07	6.89	51.3300	82.0	0.00	0.00
B-G3	25yr-12hr-90%	120.38	12.2167	9.07	6.89	51.3300	82.0	0.00	0.00
B-G3	25yr-1hr-10%	69.88	1.1333	3.18	1.40	51.3300	82.0	0.00	0.00
B-G3	25yr-1hr-90%	85.28	1.5500	3.18	1.20	51.3300	82.0	0.00	0.00
B-G3	25yr-24hr-10%	127.50	1.9500	11.30	9.05	51.3300	82.0	0.00	0.00
B-G3	25yr-24hr-90%	130.11	24.2000	11.30	9.05	51.3300	82.0	0.00	0.00
B-G3	25yr-6hr-10%	149.34	1.5833	7.03	4.95	51.3300	82.0	0.00	0.00
B-G3	25yr-6hr-90%	120.37	6.2167	7.03	4.95	51.3300	82.0	0.00	0.00
B-G3	2yr-12hr-10%	48.69	2.0667	4.15	2.34	51.3300	82.0	0.00	0.00
B-G3	2yr-12hr-90%	47.73	12.2333	4.15	2.34	51.3300	82.0	0.00	0.00
B-G3	2yr-1hr-10%	30.23	1.1833	2.00	0.59	51.3300	82.0	0.00	0.00
B-G3	2yr-1hr-90%	36.73	1.5667	2.00	0.51	51.3300	82.0	0.00	0.00
B-G3	2yr-24hr-10%	40.31	2.3667	4.87	2.97	51.3300	82.0	0.00	0.00
B-G3	2yr-24hr-90%	50.06	24.2167	4.87	2.97	51.3300	82.0	0.00	0.00
B-G3	2yr-6hr-10%	54.26	1.7167	3.47	1.76	51.3300	82.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G3	2yr-6hr-90%	49.04	6.2500	3.47	1.76	51.3300	82.0	0.00	0.00
B-G3	50-12hr-10%	175.63	1.7667	10.70	8.47	51.3300	82.0	0.00	0.00
B-G3	50-12hr-90%	144.11	12.2167	10.70	8.47	51.3300	82.0	0.00	0.00
B-G3	50-1hr-10%	82.07	1.1167	3.51	1.65	51.3300	82.0	0.00	0.00
B-G3	50-1hr-90%	100.13	1.5333	3.51	1.42	51.3300	82.0	0.00	0.00
B-G3	50-24hr-10%	157.58	1.9000	13.40	11.10	51.3300	82.0	0.00	0.00
B-G3	50-24hr-90%	155.86	24.2000	13.40	11.10	51.3300	82.0	0.00	0.00
B-G3	50-6hr-10%	180.43	1.5500	8.14	6.00	51.3300	82.0	0.00	0.00
B-G3	50-6hr-90%	142.52	6.2000	8.14	6.00	51.3300	82.0	0.00	0.00
B-G3	5yr-12hr-10%	78.74	1.9333	5.78	3.79	51.3300	82.0	0.00	0.00
B-G3	5yr-12hr-90%	71.97	12.2333	5.78	3.79	51.3300	82.0	0.00	0.00
B-G3	5yr-1hr-10%	43.47	1.1500	2.42	0.86	51.3300	82.0	0.00	0.00
B-G3	5yr-1hr-90%	52.99	1.5500	2.42	0.74	51.3300	82.0	0.00	0.00
B-G3	5yr-24hr-10%	66.97	2.2000	6.93	4.86	51.3300	82.0	0.00	0.00
B-G3	5yr-24hr-90%	75.97	24.2167	6.93	4.86	51.3300	82.0	0.00	0.00
B-G3	5yr-6hr-10%	85.59	1.6500	4.69	2.81	51.3300	82.0	0.00	0.00
B-G3	5yr-6hr-90%	73.43	6.2333	4.69	2.81	51.3300	82.0	0.00	0.00

Simple Basin: B-OFF-G1

Scenario: EC
 Node: N-OFF-G1
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 49.6000 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484

Peaking Factor: 484.0
 Area: 900.7200 ac
 Curve Number: 81.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G1	100-12hr-10%	3780.51	1.5667	12.40	9.99	900.7200	81.0	0.00	0.00
B-OFF-G1	100-12hr-90%	3061.52	12.1500	12.40	9.99	900.7200	81.0	0.00	0.00
B-OFF-G1	100-1hr-10%	1769.68	0.9833	3.84	1.92	900.7200	81.0	0.00	0.00
B-OFF-G1	100-1hr-90%	2339.37	1.4167	3.84	1.77	900.7200	81.0	0.00	0.00
B-OFF-G1	100-24hr-10%	3433.77	1.7000	15.80	13.32	900.7200	81.0	0.00	0.00
B-OFF-G1	100-24hr-90%	3356.52	24.1500	15.80	13.32	900.7200	81.0	0.00	0.00
B-OFF-G1	100-6hr-10%	3901.39	1.3833	9.30	6.99	900.7200	81.0	0.00	0.00
B-OFF-G1	100-6hr-90%	3001.51	6.1333	9.30	6.99	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-12hr-10%	1863.08	1.7167	7.13	4.94	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-12hr-90%	1663.30	12.1667	7.13	4.94	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-1hr-10%	1003.68	1.0167	2.74	1.07	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-1hr-90%	1329.46	1.4333	2.74	0.99	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-24hr-10%	1603.01	1.9000	8.69	6.41	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-24hr-90%	1770.31	24.1500	8.69	6.41	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-6hr-10%	2022.34	1.4667	5.66	3.58	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-6hr-90%	1680.51	6.1500	5.66	3.58	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-12hr-	2557.51	1.6500	9.07	6.77	900.7200	81.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	10%								
B-OFF-G1	25yr-12hr-90%	2181.28	12.1667	9.07	6.77	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-1hr-10%	1299.51	1.0000	3.18	1.40	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-1hr-90%	1721.01	1.4333	3.18	1.29	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-24hr-10%	2264.42	1.8000	11.30	8.92	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-24hr-90%	2356.28	24.1500	11.30	8.92	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-6hr-10%	2718.78	1.4333	7.03	4.84	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-6hr-90%	2179.66	6.1500	7.03	4.84	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-12hr-10%	853.28	1.9167	4.15	2.25	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-12hr-90%	858.82	12.1833	4.15	2.25	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-1hr-10%	552.17	1.0667	2.00	0.58	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-1hr-90%	726.38	1.4500	2.00	0.53	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-24hr-10%	698.78	2.2333	4.87	2.88	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-24hr-90%	900.50	24.1667	4.87	2.88	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-6hr-10%	969.90	1.5833	3.47	1.69	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-6hr-90%	882.78	6.1667	3.47	1.69	900.7200	81.0	0.00	0.00
B-OFF-G1	50-12hr-10%	3152.79	1.6000	10.70	8.34	900.7200	81.0	0.00	0.00
B-OFF-G1	50-12hr-90%	2613.25	12.1500	10.70	8.34	900.7200	81.0	0.00	0.00
B-OFF-G1	50-1hr-10%	1531.13	0.9833	3.51	1.65	900.7200	81.0	0.00	0.00
B-OFF-G1	50-1hr-90%	2026.09	1.4167	3.51	1.52	900.7200	81.0	0.00	0.00
B-OFF-G1	50-24hr-10%	2806.95	1.7500	13.40	10.97	900.7200	81.0	0.00	0.00
B-OFF-G1	50-24hr-90%	2824.30	24.1500	13.40	10.97	900.7200	81.0	0.00	0.00
B-OFF-G1	50-6hr-10%	3293.84	1.4167	8.14	5.89	900.7200	81.0	0.00	0.00
B-OFF-G1	50-6hr-90%	2582.46	6.1333	8.14	5.89	900.7200	81.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G1	5yr-12hr-10%	1393.81	1.7833	5.78	3.69	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-12hr-90%	1299.97	12.1667	5.78	3.69	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-1hr-10%	800.20	1.0333	2.42	0.85	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-1hr-90%	1058.33	1.4333	2.42	0.78	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-24hr-10%	1172.70	2.0167	6.93	4.75	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-24hr-90%	1371.51	24.1500	6.93	4.75	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-6hr-10%	1543.60	1.5167	4.69	2.72	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-6hr-90%	1326.09	6.1667	4.69	2.72	900.7200	81.0	0.00	0.00

Simple Basin: B-OFF-G2

Scenario: EC
 Node: N-G2-G3
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 70.2100 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 183.1800 ac
 Curve Number: 74.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G2	100-12hr-10%	645.26	2.0000	12.40	9.01	183.1800	74.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G2	100-12hr-90%	557.20	12.2833	12.40	9.01	183.1800	74.0	0.00	0.00
B-OFF-G2	100-1hr-10%	222.21	1.2667	3.84	1.27	183.1800	74.0	0.00	0.00
B-OFF-G2	100-1hr-90%	258.32	1.6667	3.84	1.01	183.1800	74.0	0.00	0.00
B-OFF-G2	100-24hr-10%	597.72	2.2000	15.80	12.27	183.1800	74.0	0.00	0.00
B-OFF-G2	100-24hr-90%	623.08	24.2667	15.80	12.27	183.1800	74.0	0.00	0.00
B-OFF-G2	100-6hr-10%	627.98	1.7333	9.30	6.12	183.1800	74.0	0.00	0.00
B-OFF-G2	100-6hr-90%	525.88	6.2833	9.30	6.12	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-12hr-10%	299.73	2.1833	7.13	4.16	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-12hr-90%	287.33	12.3000	7.13	4.16	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-1hr-10%	113.60	1.3000	2.74	0.63	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-1hr-90%	131.27	1.6667	2.74	0.50	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-24hr-10%	264.66	2.4833	8.69	5.56	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-24hr-90%	315.48	24.2833	8.69	5.56	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-6hr-10%	303.28	1.8333	5.66	2.91	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-6hr-90%	274.39	6.3167	5.66	2.91	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-12hr-10%	423.68	2.1000	9.07	5.90	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-12hr-90%	387.04	12.2833	9.07	5.90	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-1hr-10%	154.71	1.2833	3.18	0.87	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-1hr-90%	179.41	1.6667	3.18	0.69	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-24hr-10%	383.57	2.3500	11.30	7.97	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-24hr-90%	429.16	24.2667	11.30	7.97	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-6hr-10%	421.98	1.7833	7.03	4.08	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-6hr-90%	368.63	6.3000	7.03	4.08	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-12hr-10%	125.26	2.4000	4.15	1.71	183.1800	74.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-OFF-G2	2yr-12hr-9 0%	135.41	12.3167	4.15	1.71	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-1hr-10 %	54.10	1.3500	2.00	0.29	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-1hr-90 %	61.71	1.6833	2.00	0.23	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-24hr-1 0%	105.94	2.8667	4.87	2.27	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-24hr-9 0%	148.45	24.3000	4.87	2.27	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-6hr-10 %	130.71	1.9500	3.47	1.22	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-6hr-90 %	128.90	6.3500	3.47	1.22	183.1800	74.0	0.00	0.00
B-OFF-G2	50-12hr-1 0%	531.10	2.0500	10.70	7.41	183.1800	74.0	0.00	0.00
B-OFF-G2	50-12hr-9 0%	470.54	12.2833	10.70	7.41	183.1800	74.0	0.00	0.00
B-OFF-G2	50-1hr-10 %	187.68	1.2833	3.51	1.07	183.1800	74.0	0.00	0.00
B-OFF-G2	50-1hr-90 %	218.00	1.6667	3.51	0.85	183.1800	74.0	0.00	0.00
B-OFF-G2	50-24hr-1 0%	482.38	2.2833	13.40	9.96	183.1800	74.0	0.00	0.00
B-OFF-G2	50-24hr-9 0%	519.96	24.2667	13.40	9.96	183.1800	74.0	0.00	0.00
B-OFF-G2	50-6hr-10 %	521.62	1.7667	8.14	5.06	183.1800	74.0	0.00	0.00
B-OFF-G2	50-6hr-90 %	445.45	6.3000	8.14	5.06	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-12hr-1 0%	217.45	2.2667	5.78	3.01	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-12hr-9 0%	217.97	12.3167	5.78	3.01	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-1hr-10 %	86.18	1.3167	2.42	0.47	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-1hr-90 %	99.16	1.6833	2.42	0.38	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-24hr-1 0%	188.29	2.6000	6.93	3.99	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-24hr-9 0%	238.42	24.2833	6.93	3.99	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-6hr-10 %	223.37	1.8667	4.69	2.12	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-6hr-90 %	208.67	6.3333	4.69	2.12	183.1800	74.0	0.00	0.00

Simple Basin: B-OFF-G3

Scenario: EC
 Node: N-GZC
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 48.7700 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 61.3600 ac
 Curve Number: 74.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G3	100-12hr-10%	232.47	1.6500	12.40	9.01	61.3600	74.0	0.00	0.00
B-OFF-G3	100-12hr-90%	201.67	12.1500	12.40	9.01	61.3600	74.0	0.00	0.00
B-OFF-G3	100-1hr-1 0%	91.53	1.0167	3.84	1.43	61.3600	74.0	0.00	0.00
B-OFF-G3	100-1hr-9 0%	122.10	1.4167	3.84	1.32	61.3600	74.0	0.00	0.00
B-OFF-G3	100-24hr-10%	211.90	1.8000	15.80	12.27	61.3600	74.0	0.00	0.00
B-OFF-G3	100-24hr-90%	223.90	24.1500	15.80	12.27	61.3600	74.0	0.00	0.00
B-OFF-G3	100-6hr-1 0%	235.63	1.4500	9.30	6.11	61.3600	74.0	0.00	0.00
B-OFF-G3	100-6hr-9 0%	192.53	6.1500	9.30	6.11	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-12hr-10%	107.53	1.8333	7.13	4.16	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-12hr-90%	104.85	12.1667	7.13	4.16	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-1hr-1 0%	47.22	1.0667	2.74	0.72	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-1hr-9 0%	62.36	1.4333	2.74	0.66	61.3600	74.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G3	10yr-24hr-10%	92.82	2.1167	8.69	5.56	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-24hr-90%	114.03	24.1500	8.69	5.56	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-6hr-10%	113.88	1.5500	5.66	2.91	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-6hr-90%	101.86	6.1667	5.66	2.91	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-12hr-10%	152.26	1.7667	9.07	5.90	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-12hr-90%	140.67	12.1667	9.07	5.90	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-1hr-10%	63.99	1.0500	3.18	0.99	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-1hr-90%	85.05	1.4333	3.18	0.91	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-24hr-10%	135.03	1.9500	11.30	7.97	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-24hr-90%	154.65	24.1500	11.30	7.97	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-6hr-10%	158.37	1.5000	7.03	4.08	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-6hr-90%	135.93	6.1500	7.03	4.08	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-12hr-10%	44.82	2.0667	4.15	1.71	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-12hr-90%	50.06	12.1833	4.15	1.71	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-1hr-10%	22.83	1.1167	2.00	0.33	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-1hr-90%	29.46	1.4500	2.00	0.31	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-24hr-10%	36.90	2.4667	4.87	2.27	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-24hr-90%	54.19	24.1667	4.87	2.27	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-6hr-10%	49.21	1.6667	3.47	1.22	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-6hr-90%	48.81	6.1833	3.47	1.22	61.3600	74.0	0.00	0.00
B-OFF-G3	50-12hr-10%	191.10	1.7000	10.70	7.41	61.3600	74.0	0.00	0.00
B-OFF-G3	50-12hr-90%	170.60	12.1667	10.70	7.41	61.3600	74.0	0.00	0.00
B-OFF-G3	50-1hr-10%	77.44	1.0333	3.51	1.20	61.3600	74.0	0.00	0.00
B-OFF-G3	50-1hr-90%	103.18	1.4333	3.51	1.11	61.3600	74.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-OFF-G3	50-24hr-10%	170.47	1.8667	13.40	9.96	61.3600	74.0	0.00	0.00
B-OFF-G3	50-24hr-90%	187.08	24.1500	13.40	9.96	61.3600	74.0	0.00	0.00
B-OFF-G3	50-6hr-10%	195.73	1.4667	8.14	5.06	61.3600	74.0	0.00	0.00
B-OFF-G3	50-6hr-90%	163.63	6.1500	8.14	5.06	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-12hr-10%	77.89	1.9333	5.78	3.01	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-12hr-90%	79.89	12.1667	5.78	3.01	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-1hr-10%	36.00	1.0833	2.42	0.54	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-1hr-90%	47.19	1.4500	2.42	0.50	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-24hr-10%	65.97	2.2500	6.93	3.99	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-24hr-90%	86.45	24.1667	6.93	3.99	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-6hr-10%	83.95	1.5833	4.69	2.12	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-6hr-90%	77.99	6.1667	4.69	2.12	61.3600	74.0	0.00	0.00

Simple Basin: B-OFF-G4

Scenario: EC
 Node: N-G2-G3
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 72.0300 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 232.3700 ac
 Curve Number: 75.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G4	100-12hr-10%	826.12	2.0167	12.40	9.16	232.3700	75.0	0.00	0.00
B-OFF-G4	100-12hr-90%	706.98	12.3000	12.40	9.16	232.3700	75.0	0.00	0.00
B-OFF-G4	100-1hr-10%	289.21	1.2833	3.84	1.31	232.3700	75.0	0.00	0.00
B-OFF-G4	100-1hr-90%	334.09	1.6833	3.84	1.03	232.3700	75.0	0.00	0.00
B-OFF-G4	100-24hr-10%	765.72	2.2000	15.80	12.43	232.3700	75.0	0.00	0.00
B-OFF-G4	100-24hr-90%	789.30	24.2667	15.80	12.43	232.3700	75.0	0.00	0.00
B-OFF-G4	100-6hr-10%	804.27	1.7500	9.30	6.24	232.3700	75.0	0.00	0.00
B-OFF-G4	100-6hr-90%	669.60	6.3000	9.30	6.24	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-12hr-10%	387.49	2.1833	7.13	4.27	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-12hr-90%	367.06	12.3167	7.13	4.27	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-1hr-10%	150.16	1.3167	2.74	0.67	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-1hr-90%	172.56	1.6833	2.74	0.52	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-24hr-10%	342.32	2.4833	8.69	5.68	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-24hr-90%	401.90	24.2833	8.69	5.68	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-6hr-10%	392.50	1.8500	5.66	3.00	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-6hr-90%	352.30	6.3167	5.66	3.00	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-12hr-10%	545.15	2.1167	9.07	6.03	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-12hr-90%	492.77	12.3000	9.07	6.03	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-1hr-10%	202.97	1.3000	3.18	0.91	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-1hr-90%	233.97	1.6833	3.18	0.71	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-24hr-10%	493.74	2.3667	11.30	8.11	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-24hr-90%	545.09	24.2833	11.30	8.11	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-6hr-10%	543.36	1.8000	7.03	4.18	232.3700	75.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G4	25yr-6hr-90%	471.35	6.3167	7.03	4.18	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-12hr-10%	164.31	2.4000	4.15	1.78	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-12hr-90%	175.05	12.3333	4.15	1.78	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-1hr-10%	73.08	1.3667	2.00	0.31	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-1hr-90%	83.07	1.7000	2.00	0.24	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-24hr-10%	138.95	2.8667	4.87	2.35	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-24hr-90%	191.07	24.3167	4.87	2.35	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-6hr-10%	171.87	1.9500	3.47	1.28	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-6hr-90%	167.76	6.3500	3.47	1.28	232.3700	75.0	0.00	0.00
B-OFF-G4	50-12hr-10%	681.47	2.0667	10.70	7.55	232.3700	75.0	0.00	0.00
B-OFF-G4	50-12hr-90%	597.91	12.3000	10.70	7.55	232.3700	75.0	0.00	0.00
B-OFF-G4	50-1hr-10%	245.14	1.3000	3.51	1.11	232.3700	75.0	0.00	0.00
B-OFF-G4	50-1hr-90%	282.99	1.6833	3.51	0.86	232.3700	75.0	0.00	0.00
B-OFF-G4	50-24hr-10%	619.30	2.2833	13.40	10.11	232.3700	75.0	0.00	0.00
B-OFF-G4	50-24hr-90%	659.42	24.2833	13.40	10.11	232.3700	75.0	0.00	0.00
B-OFF-G4	50-6hr-10%	669.64	1.7833	8.14	5.18	232.3700	75.0	0.00	0.00
B-OFF-G4	50-6hr-90%	568.27	6.3000	8.14	5.18	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-12hr-10%	282.49	2.2667	5.78	3.10	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-12hr-90%	279.55	12.3167	5.78	3.10	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-1hr-10%	114.76	1.3333	2.42	0.50	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-1hr-90%	131.42	1.7000	2.42	0.39	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-24hr-10%	244.76	2.6000	6.93	4.10	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-24hr-90%	304.72	24.3000	6.93	4.10	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-6hr-10%	290.64	1.8833	4.69	2.20	232.3700	75.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G4	5yr-6hr-90%	269.15	6.3333	4.69	2.20	232.3700	75.0	0.00	0.00

Simple Basin: B-OFF-S1

Scenario: EC
 Node: N-OFF-S1
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 32.7800 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 615.5300 ac
 Curve Number: 84.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S1	100-12hr-10%	2859.85	1.2000	12.40	10.39	615.5300	84.0	0.00	0.00
B-OFF-S1	100-12hr-90%	2244.10	12.0667	12.40	10.39	615.5300	84.0	0.00	0.00
B-OFF-S1	100-1hr-10%	1599.96	0.6833	3.84	2.23	615.5300	84.0	0.00	0.00
B-OFF-S1	100-1hr-90%	2521.43	1.2333	3.84	2.19	615.5300	84.0	0.00	0.00
B-OFF-S1	100-24hr-10%	2578.27	1.2500	15.80	13.75	615.5300	84.0	0.00	0.00
B-OFF-S1	100-24hr-90%	2449.09	24.0667	15.80	13.75	615.5300	84.0	0.00	0.00
B-OFF-S1	100-6hr-10%	3058.05	1.1000	9.30	7.36	615.5300	84.0	0.00	0.00
B-OFF-S1	100-6hr-90%	2206.22	6.0500	9.30	7.36	615.5300	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-OFF-S1	10yr-12hr-10%	1437.29	1.3667	7.13	5.27	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-12hr-90%	1242.31	12.0833	7.13	5.27	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-1hr-10%	922.93	0.7333	2.74	1.30	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-1hr-90%	1509.37	1.2500	2.74	1.28	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-24hr-10%	1215.07	1.6167	8.69	6.77	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-24hr-90%	1309.93	24.0667	8.69	6.77	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-6hr-10%	1628.93	1.1833	5.66	3.89	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-6hr-90%	1270.23	6.0500	5.66	3.89	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-12hr-10%	1953.46	1.2833	9.07	7.14	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-12hr-90%	1613.13	12.0667	9.07	7.14	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-1hr-10%	1184.19	0.7000	3.18	1.66	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-1hr-90%	1906.47	1.2500	3.18	1.64	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-24hr-10%	1702.52	1.3167	11.30	9.31	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-24hr-90%	1730.24	24.0667	11.30	9.31	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-6hr-10%	2160.64	1.1500	7.03	5.18	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-6hr-90%	1624.57	6.0500	7.03	5.18	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-12hr-10%	680.19	1.5333	4.15	2.51	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-12hr-90%	664.90	12.0833	4.15	2.51	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-1hr-10%	528.35	0.8333	2.00	0.74	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-1hr-90%	877.97	1.2500	2.00	0.73	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-24hr-10%	549.47	1.7333	4.87	3.16	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-24hr-90%	686.01	24.0667	4.87	3.16	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-6hr-10%	813.28	1.2833	3.47	1.91	615.5300	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S1	2yr-6hr-90%	698.81	6.0667	3.47	1.91	615.5300	84.0	0.00	0.00
B-OFF-S1	50-12hr-10%	2395.05	1.2333	10.70	8.73	615.5300	84.0	0.00	0.00
B-OFF-S1	50-12hr-90%	1922.71	12.0667	10.70	8.73	615.5300	84.0	0.00	0.00
B-OFF-S1	50-1hr-10%	1389.08	0.6833	3.51	1.94	615.5300	84.0	0.00	0.00
B-OFF-S1	50-1hr-90%	2210.95	1.2500	3.51	1.91	615.5300	84.0	0.00	0.00
B-OFF-S1	50-24hr-10%	2109.06	1.2833	13.40	11.38	615.5300	84.0	0.00	0.00
B-OFF-S1	50-24hr-90%	2066.39	24.0667	13.40	11.38	615.5300	84.0	0.00	0.00
B-OFF-S1	50-6hr-10%	2597.50	1.1167	8.14	6.24	615.5300	84.0	0.00	0.00
B-OFF-S1	50-6hr-90%	1909.73	6.0500	8.14	6.24	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-12hr-10%	1087.24	1.4333	5.78	4.00	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-12hr-90%	982.08	12.0833	5.78	4.00	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-1hr-10%	744.06	0.7667	2.42	1.05	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-1hr-90%	1229.33	1.2500	2.42	1.04	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-24hr-10%	904.26	1.6667	6.93	5.08	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-24hr-90%	1024.12	24.0667	6.93	5.08	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-6hr-10%	1260.29	1.2167	4.69	2.99	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-6hr-90%	1017.64	6.0667	4.69	2.99	615.5300	84.0	0.00	0.00

Simple Basin: B-OFF-S2

Scenario: EC
 Node: N-S1
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 5.5100 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484

Peaking Factor: 484.0
 Area: 5.1900 ac
 Curve Number: 84.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S2	100-12hr-10%	26.14	0.7667	12.40	10.40	5.1900	84.0	0.00	0.00
B-OFF-S2	100-12hr-90%	20.55	12.0000	12.40	10.40	5.1900	84.0	0.00	0.00
B-OFF-S2	100-1hr-10%	23.39	0.2500	3.84	2.24	5.1900	84.0	0.00	0.00
B-OFF-S2	100-1hr-90%	47.43	1.0000	3.84	2.24	5.1900	84.0	0.00	0.00
B-OFF-S2	100-24hr-10%	23.41	1.0000	15.80	13.75	5.1900	84.0	0.00	0.00
B-OFF-S2	100-24hr-90%	21.70	24.0000	15.80	13.75	5.1900	84.0	0.00	0.00
B-OFF-S2	100-6hr-10%	28.77	0.6833	9.30	7.36	5.1900	84.0	0.00	0.00
B-OFF-S2	100-6hr-90%	19.28	5.8500	9.30	7.36	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-12hr-10%	12.96	0.7667	7.13	5.27	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-12hr-90%	11.45	12.0000	7.13	5.27	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-1hr-10%	13.00	0.2667	2.74	1.31	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-1hr-90%	30.09	1.0000	2.74	1.31	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-24hr-10%	11.26	1.0167	8.69	6.77	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-24hr-90%	11.65	24.0000	8.69	6.77	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-6hr-10%	15.26	0.6833	5.66	3.89	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-6hr-90%	11.22	6.0000	5.66	3.89	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-12hr-	17.82	0.7667	9.07	7.14	5.1900	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	10%								
B-OFF-S2	25yr-12hr-90%	14.82	12.0000	9.07	7.14	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-1hr-10%	17.00	0.2667	3.18	1.67	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-1hr-90%	37.00	1.0000	3.18	1.67	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-24hr-10%	15.74	1.0000	11.30	9.32	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-24hr-90%	15.36	24.0000	11.30	9.32	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-6hr-10%	20.35	0.6833	7.03	5.18	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-6hr-90%	14.26	6.0000	7.03	5.18	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-12hr-10%	6.13	1.0167	4.15	2.51	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-12hr-90%	6.20	12.0000	4.15	2.51	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-1hr-10%	6.97	0.3000	2.00	0.75	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-1hr-90%	18.72	1.0167	2.00	0.75	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-24hr-10%	4.96	1.5000	4.87	3.16	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-24hr-90%	6.15	24.0000	4.87	3.16	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-6hr-10%	7.65	0.8500	3.47	1.91	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-6hr-90%	6.30	6.0000	3.47	1.91	5.1900	84.0	0.00	0.00
B-OFF-S2	50-12hr-10%	21.90	0.7667	10.70	8.73	5.1900	84.0	0.00	0.00
B-OFF-S2	50-12hr-90%	17.63	12.0000	10.70	8.73	5.1900	84.0	0.00	0.00
B-OFF-S2	50-1hr-10%	20.11	0.2500	3.51	1.95	5.1900	84.0	0.00	0.00
B-OFF-S2	50-1hr-90%	42.21	1.0000	3.51	1.95	5.1900	84.0	0.00	0.00
B-OFF-S2	50-24hr-10%	19.33	1.0000	13.40	11.38	5.1900	84.0	0.00	0.00
B-OFF-S2	50-24hr-90%	18.32	24.0000	13.40	11.38	5.1900	84.0	0.00	0.00
B-OFF-S2	50-6hr-10%	24.47	0.6833	8.14	6.24	5.1900	84.0	0.00	0.00
B-OFF-S2	50-6hr-90%	16.71	5.8667	8.14	6.24	5.1900	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S2	5yr-12hr-10%	9.82	1.0167	5.78	4.00	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-12hr-90%	9.08	12.0000	5.78	4.00	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-1hr-10%	10.27	0.2833	2.42	1.06	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-1hr-90%	25.11	1.0000	2.42	1.06	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-24hr-10%	8.26	1.0167	6.93	5.08	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-24hr-90%	9.13	24.0000	6.93	5.08	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-6hr-10%	11.77	0.8500	4.69	2.99	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-6hr-90%	9.05	6.0000	4.69	2.99	5.1900	84.0	0.00	0.00

Simple Basin: B-OFF-S3

Scenario: EC
 Node: N-S6-OUT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 18.3200 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 32.8000 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S3	100-12hr-10%	149.51	1.0333	12.40	9.85	32.8000	80.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S3	100-12hr-90%	124.20	12.0167	12.40	9.85	32.8000	80.0	0.00	0.00
B-OFF-S3	100-1hr-10%	90.29	0.4667	3.84	1.91	32.8000	80.0	0.00	0.00
B-OFF-S3	100-1hr-90%	176.84	1.1000	3.84	1.92	32.8000	80.0	0.00	0.00
B-OFF-S3	100-24hr-10%	136.05	1.1000	15.80	13.17	32.8000	80.0	0.00	0.00
B-OFF-S3	100-24hr-90%	134.65	24.0000	15.80	13.17	32.8000	80.0	0.00	0.00
B-OFF-S3	100-6hr-10%	163.17	0.9000	9.30	6.87	32.8000	80.0	0.00	0.00
B-OFF-S3	100-6hr-90%	118.29	6.0000	9.30	6.87	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-12hr-10%	72.30	1.1500	7.13	4.82	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-12hr-90%	67.70	12.0167	7.13	4.82	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-1hr-10%	47.60	0.4833	2.74	1.06	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-1hr-90%	102.72	1.1167	2.74	1.06	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-24hr-10%	60.81	1.5667	8.69	6.29	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-24hr-90%	71.11	24.0000	8.69	6.29	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-6hr-10%	83.42	1.0000	5.66	3.48	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-6hr-90%	66.90	6.0167	5.66	3.48	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-12hr-10%	100.38	1.1000	9.07	6.65	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-12hr-90%	88.63	12.0167	9.07	6.65	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-1hr-10%	63.80	0.4833	3.18	1.39	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-1hr-90%	131.63	1.1167	3.18	1.39	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-24hr-10%	87.88	1.1167	11.30	8.79	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-24hr-90%	94.58	24.0000	11.30	8.79	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-6hr-10%	112.91	0.9500	7.03	4.73	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-6hr-90%	86.34	6.0000	7.03	4.73	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-12hr-10%	32.42	1.3833	4.15	2.17	32.8000	80.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-OFF-S3	2yr-12hr-90%	35.16	12.0333	4.15	2.17	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-1hr-10%	24.03	0.8000	2.00	0.56	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-1hr-90%	57.23	1.1167	2.00	0.56	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-24hr-10%	26.19	1.6000	4.87	2.78	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-24hr-90%	36.27	24.0167	4.87	2.78	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-6hr-10%	39.45	1.1000	3.47	1.62	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-6hr-90%	35.68	6.0167	3.47	1.62	32.8000	80.0	0.00	0.00
B-OFF-S3	50-12hr-10%	124.31	1.0833	10.70	8.21	32.8000	80.0	0.00	0.00
B-OFF-S3	50-12hr-90%	106.09	12.0167	10.70	8.21	32.8000	80.0	0.00	0.00
B-OFF-S3	50-1hr-10%	76.81	0.4667	3.51	1.65	32.8000	80.0	0.00	0.00
B-OFF-S3	50-1hr-90%	153.94	1.1000	3.51	1.65	32.8000	80.0	0.00	0.00
B-OFF-S3	50-24hr-10%	110.29	1.1000	13.40	10.83	32.8000	80.0	0.00	0.00
B-OFF-S3	50-24hr-90%	113.33	24.0000	13.40	10.83	32.8000	80.0	0.00	0.00
B-OFF-S3	50-6hr-10%	137.34	0.9333	8.14	5.77	32.8000	80.0	0.00	0.00
B-OFF-S3	50-6hr-90%	102.00	6.0000	8.14	5.77	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-12hr-10%	53.51	1.3167	5.78	3.59	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-12hr-90%	53.01	12.0167	5.78	3.59	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-1hr-10%	36.74	0.5000	2.42	0.84	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-1hr-90%	82.44	1.1167	2.42	0.84	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-24hr-10%	44.63	1.5833	6.93	4.64	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-24hr-90%	55.14	24.0167	6.93	4.64	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-6hr-10%	63.35	1.0500	4.69	2.63	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-6hr-90%	53.08	6.0167	4.69	2.63	32.8000	80.0	0.00	0.00

Simple Basin: B-OFF-S4	
Scenario:	EC
Node:	N-OFF-S4
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	18.0700 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH484
Peaking Factor:	484.0
Area:	38.3500 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S4	100-12hr-10%	164.47	1.1000	12.40	9.30	38.3500	76.0	0.00	0.00
B-OFF-S4	100-12hr-90%	142.87	12.0167	12.40	9.30	38.3500	76.0	0.00	0.00
B-OFF-S4	100-1hr-10%	86.84	0.4833	3.84	1.62	38.3500	76.0	0.00	0.00
B-OFF-S4	100-1hr-90%	182.02	1.1000	3.84	1.62	38.3500	76.0	0.00	0.00
B-OFF-S4	100-24hr-10%	148.93	1.1000	15.80	12.58	38.3500	76.0	0.00	0.00
B-OFF-S4	100-24hr-90%	155.70	24.0000	15.80	12.58	38.3500	76.0	0.00	0.00
B-OFF-S4	100-6hr-10%	177.69	0.9333	9.30	6.36	38.3500	76.0	0.00	0.00
B-OFF-S4	100-6hr-90%	134.51	6.0000	9.30	6.36	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-12hr-10%	76.40	1.3333	7.13	4.38	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-12hr-90%	76.18	12.0167	7.13	4.38	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-1hr-10%	42.85	0.5167	2.74	0.85	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-1hr-90%	100.08	1.1167	2.74	0.85	38.3500	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S4	10yr-24hr-10%	65.27	1.5833	8.69	5.80	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-24hr-90%	80.79	24.0167	8.69	5.80	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-6hr-10%	87.40	1.0500	5.66	3.09	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-6hr-90%	74.02	6.0167	5.66	3.09	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-12hr-10%	107.92	1.1333	9.07	6.15	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-12hr-90%	100.89	12.0167	9.07	6.15	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-1hr-10%	59.30	0.5000	3.18	1.14	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-1hr-90%	131.83	1.1167	3.18	1.14	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-24hr-10%	93.34	1.1333	11.30	8.25	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-24hr-90%	108.48	24.0000	11.30	8.25	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-6hr-10%	120.37	1.0000	7.03	4.29	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-6hr-90%	96.86	6.0167	7.03	4.29	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-12hr-10%	32.48	1.5833	4.15	1.86	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-12hr-90%	38.01	12.0333	4.15	1.86	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-1hr-10%	22.32	0.8167	2.00	0.41	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-1hr-90%	51.53	1.1167	2.00	0.42	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-24hr-10%	26.16	2.0833	4.87	2.43	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-24hr-90%	39.78	24.0167	4.87	2.43	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-6hr-10%	38.98	1.1667	3.47	1.35	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-6hr-90%	37.69	6.0167	3.47	1.35	38.3500	76.0	0.00	0.00
B-OFF-S4	50-12hr-10%	135.43	1.1167	10.70	7.68	38.3500	76.0	0.00	0.00
B-OFF-S4	50-12hr-90%	121.50	12.0167	10.70	7.68	38.3500	76.0	0.00	0.00
B-OFF-S4	50-1hr-10%	72.71	0.4833	3.51	1.38	38.3500	76.0	0.00	0.00
B-OFF-S4	50-1hr-90%	156.58	1.1167	3.51	1.38	38.3500	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-OFF-S4	50-24hr-10%	119.09	1.1167	13.40	10.25	38.3500	76.0	0.00	0.00
B-OFF-S4	50-24hr-90%	130.59	24.0000	13.40	10.25	38.3500	76.0	0.00	0.00
B-OFF-S4	50-6hr-10%	148.08	0.9667	8.14	5.29	38.3500	76.0	0.00	0.00
B-OFF-S4	50-6hr-90%	115.30	6.0000	8.14	5.29	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-12hr-10%	55.87	1.3500	5.78	3.20	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-12hr-90%	58.88	12.0333	5.78	3.20	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-1hr-10%	32.75	0.8000	2.42	0.65	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-1hr-90%	78.18	1.1167	2.42	0.65	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-24hr-10%	46.72	1.6000	6.93	4.20	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-24hr-90%	61.96	24.0167	6.93	4.20	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-6hr-10%	65.14	1.1000	4.69	2.29	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-6hr-90%	57.84	6.0167	4.69	2.29	38.3500	76.0	0.00	0.00

Simple Basin: B-S1

Scenario: EC
 Node: N-S1
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 21.9300 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 69.1400 ac
 Curve Number: 84.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S1	100-12hr-10%	332.35	1.0000	12.40	10.40	69.1400	84.0	0.00	0.00
B-S1	100-12hr-90%	261.91	12.0333	12.40	10.40	69.1400	84.0	0.00	0.00
B-S1	100-1hr-10%	213.60	0.5000	3.84	2.23	69.1400	84.0	0.00	0.00
B-S1	100-1hr-90%	377.79	1.1333	3.84	2.24	69.1400	84.0	0.00	0.00
B-S1	100-24hr-10%	300.87	1.1167	15.80	13.75	69.1400	84.0	0.00	0.00
B-S1	100-24hr-90%	284.14	24.0167	15.80	13.75	69.1400	84.0	0.00	0.00
B-S1	100-6hr-10%	362.17	0.9167	9.30	7.36	69.1400	84.0	0.00	0.00
B-S1	100-6hr-90%	253.68	6.0167	9.30	7.36	69.1400	84.0	0.00	0.00
B-S1	10yr-12hr-10%	166.47	1.1500	7.13	5.27	69.1400	84.0	0.00	0.00
B-S1	10yr-12hr-90%	145.32	12.0333	7.13	5.27	69.1400	84.0	0.00	0.00
B-S1	10yr-1hr-10%	120.34	0.5167	2.74	1.31	69.1400	84.0	0.00	0.00
B-S1	10yr-1hr-90%	228.88	1.1333	2.74	1.31	69.1400	84.0	0.00	0.00
B-S1	10yr-24hr-10%	140.85	1.1667	8.69	6.77	69.1400	84.0	0.00	0.00
B-S1	10yr-24hr-90%	152.18	24.0167	8.69	6.77	69.1400	84.0	0.00	0.00
B-S1	10yr-6hr-10%	192.51	1.0000	5.66	3.89	69.1400	84.0	0.00	0.00
B-S1	10yr-6hr-90%	146.77	6.0167	5.66	3.89	69.1400	84.0	0.00	0.00
B-S1	25yr-12hr-10%	226.69	1.1000	9.07	7.14	69.1400	84.0	0.00	0.00
B-S1	25yr-12hr-90%	188.49	12.0333	9.07	7.14	69.1400	84.0	0.00	0.00
B-S1	25yr-1hr-10%	156.24	0.5167	3.18	1.67	69.1400	84.0	0.00	0.00
B-S1	25yr-1hr-90%	287.62	1.1333	3.18	1.67	69.1400	84.0	0.00	0.00
B-S1	25yr-24hr-10%	199.26	1.1333	11.30	9.32	69.1400	84.0	0.00	0.00
B-S1	25yr-24hr-90%	200.86	24.0167	11.30	9.32	69.1400	84.0	0.00	0.00
B-S1	25yr-6hr-10%	255.67	0.9667	7.03	5.18	69.1400	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S1	25yr-6hr-90%	187.24	6.0167	7.03	5.18	69.1400	84.0	0.00	0.00
B-S1	2yr-12hr-10%	78.44	1.3667	4.15	2.51	69.1400	84.0	0.00	0.00
B-S1	2yr-12hr-90%	78.10	12.0333	4.15	2.51	69.1400	84.0	0.00	0.00
B-S1	2yr-1hr-10%	65.88	0.5667	2.00	0.75	69.1400	84.0	0.00	0.00
B-S1	2yr-1hr-90%	135.41	1.1500	2.00	0.75	69.1400	84.0	0.00	0.00
B-S1	2yr-24hr-10%	63.34	1.6167	4.87	3.16	69.1400	84.0	0.00	0.00
B-S1	2yr-24hr-90%	79.92	24.0167	4.87	3.16	69.1400	84.0	0.00	0.00
B-S1	2yr-6hr-10%	96.05	1.1167	3.47	1.91	69.1400	84.0	0.00	0.00
B-S1	2yr-6hr-90%	81.36	6.0167	3.47	1.91	69.1400	84.0	0.00	0.00
B-S1	50-12hr-10%	278.05	1.0500	10.70	8.73	69.1400	84.0	0.00	0.00
B-S1	50-12hr-90%	224.51	12.0333	10.70	8.73	69.1400	84.0	0.00	0.00
B-S1	50-1hr-10%	184.53	0.5000	3.51	1.95	69.1400	84.0	0.00	0.00
B-S1	50-1hr-90%	332.47	1.1333	3.51	1.95	69.1400	84.0	0.00	0.00
B-S1	50-24hr-10%	246.64	1.1167	13.40	11.38	69.1400	84.0	0.00	0.00
B-S1	50-24hr-90%	239.80	24.0167	13.40	11.38	69.1400	84.0	0.00	0.00
B-S1	50-6hr-10%	307.53	0.9500	8.14	6.24	69.1400	84.0	0.00	0.00
B-S1	50-6hr-90%	219.81	6.0167	8.14	6.24	69.1400	84.0	0.00	0.00
B-S1	5yr-12hr-10%	125.44	1.2000	5.78	4.00	69.1400	84.0	0.00	0.00
B-S1	5yr-12hr-90%	115.03	12.0333	5.78	4.00	69.1400	84.0	0.00	0.00
B-S1	5yr-1hr-10%	95.73	0.5333	2.42	1.06	69.1400	84.0	0.00	0.00
B-S1	5yr-1hr-90%	187.52	1.1500	2.42	1.06	69.1400	84.0	0.00	0.00
B-S1	5yr-24hr-10%	103.26	1.5833	6.93	5.08	69.1400	84.0	0.00	0.00
B-S1	5yr-24hr-90%	119.08	24.0167	6.93	5.08	69.1400	84.0	0.00	0.00
B-S1	5yr-6hr-10%	148.80	1.0500	4.69	2.99	69.1400	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-S1	5yr-6hr-90%	117.90	6.0167	4.69	2.99	69.1400	84.0	0.00	0.00

Simple Basin: B-S2

Scenario: EC
 Node: N-S2-UP
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 36.2100 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 101.9400 ac
 Curve Number: 72.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S2	100-12hr-10%	389.11	1.4667	12.40	8.72	101.9400	72.0	0.00	0.00
B-S2	100-12hr-90%	346.67	12.1000	12.40	8.72	101.9400	72.0	0.00	0.00
B-S2	100-1hr-10%	155.41	0.8833	3.84	1.34	101.9400	72.0	0.00	0.00
B-S2	100-1hr-90%	243.04	1.3000	3.84	1.31	101.9400	72.0	0.00	0.00
B-S2	100-24hr-10%	351.56	1.6833	15.80	11.96	101.9400	72.0	0.00	0.00
B-S2	100-24hr-90%	385.92	24.0833	15.80	11.96	101.9400	72.0	0.00	0.00
B-S2	100-6hr-10%	401.91	1.2833	9.30	5.86	101.9400	72.0	0.00	0.00
B-S2	100-6hr-90%	328.29	6.0833	9.30	5.86	101.9400	72.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-S2	10yr-12hr-10%	175.84	1.6833	7.13	3.95	101.9400	72.0	0.00	0.00
B-S2	10yr-12hr-90%	178.62	12.1000	7.13	3.95	101.9400	72.0	0.00	0.00
B-S2	10yr-1hr-10%	78.74	0.9500	2.74	0.65	101.9400	72.0	0.00	0.00
B-S2	10yr-1hr-90%	120.69	1.3000	2.74	0.64	101.9400	72.0	0.00	0.00
B-S2	10yr-24hr-10%	150.03	1.8333	8.69	5.31	101.9400	72.0	0.00	0.00
B-S2	10yr-24hr-90%	194.93	24.0833	8.69	5.31	101.9400	72.0	0.00	0.00
B-S2	10yr-6hr-10%	190.17	1.3833	5.66	2.72	101.9400	72.0	0.00	0.00
B-S2	10yr-6hr-90%	172.18	6.0833	5.66	2.72	101.9400	72.0	0.00	0.00
B-S2	25yr-12hr-10%	251.66	1.5667	9.07	5.66	101.9400	72.0	0.00	0.00
B-S2	25yr-12hr-90%	240.76	12.1000	9.07	5.66	101.9400	72.0	0.00	0.00
B-S2	25yr-1hr-10%	107.60	0.9333	3.18	0.91	101.9400	72.0	0.00	0.00
B-S2	25yr-1hr-90%	167.01	1.3000	3.18	0.89	101.9400	72.0	0.00	0.00
B-S2	25yr-24hr-10%	222.04	1.7500	11.30	7.70	101.9400	72.0	0.00	0.00
B-S2	25yr-24hr-90%	265.52	24.0833	11.30	7.70	101.9400	72.0	0.00	0.00
B-S2	25yr-6hr-10%	267.17	1.3333	7.03	3.86	101.9400	72.0	0.00	0.00
B-S2	25yr-6hr-90%	230.83	6.0833	7.03	3.86	101.9400	72.0	0.00	0.00
B-S2	2yr-12hr-10%	71.03	1.9167	4.15	1.57	101.9400	72.0	0.00	0.00
B-S2	2yr-12hr-90%	83.92	12.1167	4.15	1.57	101.9400	72.0	0.00	0.00
B-S2	2yr-1hr-10%	37.11	1.0000	2.00	0.29	101.9400	72.0	0.00	0.00
B-S2	2yr-1hr-90%	54.48	1.3167	2.00	0.28	101.9400	72.0	0.00	0.00
B-S2	2yr-24hr-10%	58.05	2.2667	4.87	2.10	101.9400	72.0	0.00	0.00
B-S2	2yr-24hr-90%	91.21	24.1000	4.87	2.10	101.9400	72.0	0.00	0.00
B-S2	2yr-6hr-10%	79.65	1.5167	3.47	1.10	101.9400	72.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S2	2yr-6hr-90%	81.30	6.1167	3.47	1.10	101.9400	72.0	0.00	0.00
B-S2	50-12hr-10%	318.12	1.5167	10.70	7.14	101.9400	72.0	0.00	0.00
B-S2	50-12hr-90%	292.74	12.1000	10.70	7.14	101.9400	72.0	0.00	0.00
B-S2	50-1hr-10%	130.89	0.9000	3.51	1.12	101.9400	72.0	0.00	0.00
B-S2	50-1hr-90%	204.18	1.3000	3.51	1.09	101.9400	72.0	0.00	0.00
B-S2	50-24hr-10%	281.95	1.7167	13.40	9.67	101.9400	72.0	0.00	0.00
B-S2	50-24hr-90%	321.90	24.0833	13.40	9.67	101.9400	72.0	0.00	0.00
B-S2	50-6hr-10%	332.17	1.3000	8.14	4.83	101.9400	72.0	0.00	0.00
B-S2	50-6hr-90%	278.51	6.0833	8.14	4.83	101.9400	72.0	0.00	0.00
B-S2	5yr-12hr-10%	126.06	1.7500	5.78	2.82	101.9400	72.0	0.00	0.00
B-S2	5yr-12hr-90%	135.38	12.1000	5.78	2.82	101.9400	72.0	0.00	0.00
B-S2	5yr-1hr-10%	59.53	0.9667	2.42	0.48	101.9400	72.0	0.00	0.00
B-S2	5yr-1hr-90%	90.03	1.3167	2.42	0.47	101.9400	72.0	0.00	0.00
B-S2	5yr-24hr-10%	105.47	2.1667	6.93	3.78	101.9400	72.0	0.00	0.00
B-S2	5yr-24hr-90%	147.05	24.0833	6.93	3.78	101.9400	72.0	0.00	0.00
B-S2	5yr-6hr-10%	138.68	1.4333	4.69	1.97	101.9400	72.0	0.00	0.00
B-S2	5yr-6hr-90%	131.23	6.1000	4.69	1.97	101.9400	72.0	0.00	0.00

Simple Basin: B-S3

Scenario: EC
 Node: N-S3-UP
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 12.9800 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484

Peaking Factor: 484.0
 Area: 20.8100 ac
 Curve Number: 76.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S3	100-12hr-10%	90.04	1.0500	12.40	9.30	20.8100	76.0	0.00	0.00
B-S3	100-12hr-90%	78.99	12.0000	12.40	9.30	20.8100	76.0	0.00	0.00
B-S3	100-1hr-10%	52.61	0.4000	3.84	1.62	20.8100	76.0	0.00	0.00
B-S3	100-1hr-90%	119.04	1.0667	3.84	1.62	20.8100	76.0	0.00	0.00
B-S3	100-24hr-10%	82.33	1.0500	15.80	12.59	20.8100	76.0	0.00	0.00
B-S3	100-24hr-90%	85.19	24.0000	15.80	12.59	20.8100	76.0	0.00	0.00
B-S3	100-6hr-10%	98.02	0.8833	9.30	6.37	20.8100	76.0	0.00	0.00
B-S3	100-6hr-90%	73.53	6.0000	9.30	6.37	20.8100	76.0	0.00	0.00
B-S3	10yr-12hr-10%	41.84	1.1000	7.13	4.38	20.8100	76.0	0.00	0.00
B-S3	10yr-12hr-90%	42.21	12.0000	7.13	4.38	20.8100	76.0	0.00	0.00
B-S3	10yr-1hr-10%	25.66	0.4333	2.74	0.85	20.8100	76.0	0.00	0.00
B-S3	10yr-1hr-90%	66.51	1.0667	2.74	0.85	20.8100	76.0	0.00	0.00
B-S3	10yr-24hr-10%	35.84	1.5500	8.69	5.80	20.8100	76.0	0.00	0.00
B-S3	10yr-24hr-90%	44.28	24.0000	8.69	5.80	20.8100	76.0	0.00	0.00
B-S3	10yr-6hr-10%	48.21	0.9333	5.66	3.10	20.8100	76.0	0.00	0.00
B-S3	10yr-6hr-90%	40.62	6.0000	5.66	3.10	20.8100	76.0	0.00	0.00
B-S3	25yr-12hr-	59.35	1.0667	9.07	6.16	20.8100	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	10%								
B-S3	25yr-12hr-90%	55.84	12.0000	9.07	6.16	20.8100	76.0	0.00	0.00
B-S3	25yr-1hr-10%	35.73	0.4167	3.18	1.14	20.8100	76.0	0.00	0.00
B-S3	25yr-1hr-90%	86.97	1.0667	3.18	1.14	20.8100	76.0	0.00	0.00
B-S3	25yr-24hr-10%	51.85	1.0667	11.30	8.25	20.8100	76.0	0.00	0.00
B-S3	25yr-24hr-90%	59.40	24.0000	11.30	8.25	20.8100	76.0	0.00	0.00
B-S3	25yr-6hr-10%	66.59	0.9167	7.03	4.29	20.8100	76.0	0.00	0.00
B-S3	25yr-6hr-90%	53.06	6.0000	7.03	4.29	20.8100	76.0	0.00	0.00
B-S3	2yr-12hr-10%	17.81	1.3333	4.15	1.86	20.8100	76.0	0.00	0.00
B-S3	2yr-12hr-90%	21.13	12.0167	4.15	1.86	20.8100	76.0	0.00	0.00
B-S3	2yr-1hr-10%	12.51	0.7833	2.00	0.41	20.8100	76.0	0.00	0.00
B-S3	2yr-1hr-90%	34.89	1.0667	2.00	0.42	20.8100	76.0	0.00	0.00
B-S3	2yr-24hr-10%	14.41	1.5667	4.87	2.43	20.8100	76.0	0.00	0.00
B-S3	2yr-24hr-90%	21.86	24.0000	4.87	2.43	20.8100	76.0	0.00	0.00
B-S3	2yr-6hr-10%	21.57	1.0833	3.47	1.35	20.8100	76.0	0.00	0.00
B-S3	2yr-6hr-90%	20.80	6.0000	3.47	1.35	20.8100	76.0	0.00	0.00
B-S3	50-12hr-10%	74.32	1.0667	10.70	7.68	20.8100	76.0	0.00	0.00
B-S3	50-12hr-90%	67.21	12.0000	10.70	7.68	20.8100	76.0	0.00	0.00
B-S3	50-1hr-10%	43.90	0.4000	3.51	1.38	20.8100	76.0	0.00	0.00
B-S3	50-1hr-90%	102.84	1.0667	3.51	1.38	20.8100	76.0	0.00	0.00
B-S3	50-24hr-10%	66.01	1.0667	13.40	10.26	20.8100	76.0	0.00	0.00
B-S3	50-24hr-90%	71.47	24.0000	13.40	10.26	20.8100	76.0	0.00	0.00
B-S3	50-6hr-10%	81.86	0.9000	8.14	5.30	20.8100	76.0	0.00	0.00
B-S3	50-6hr-90%	63.09	6.0000	8.14	5.30	20.8100	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S3	5yr-12hr-10%	30.63	1.3167	5.78	3.20	20.8100	76.0	0.00	0.00
B-S3	5yr-12hr-90%	32.66	12.0000	5.78	3.20	20.8100	76.0	0.00	0.00
B-S3	5yr-1hr-10%	19.07	0.4500	2.42	0.65	20.8100	76.0	0.00	0.00
B-S3	5yr-1hr-90%	52.31	1.0667	2.42	0.65	20.8100	76.0	0.00	0.00
B-S3	5yr-24hr-10%	25.73	1.5500	6.93	4.21	20.8100	76.0	0.00	0.00
B-S3	5yr-24hr-90%	33.99	24.0000	6.93	4.21	20.8100	76.0	0.00	0.00
B-S3	5yr-6hr-10%	35.86	1.0333	4.69	2.29	20.8100	76.0	0.00	0.00
B-S3	5yr-6hr-90%	31.80	6.0000	4.69	2.29	20.8100	76.0	0.00	0.00

Simple Basin: B-S4

Scenario: EC
 Node: N-OFF-S4
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 5.0300 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 7.6300 ac
 Curve Number: 79.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S4	100-12hr-10%	35.73	0.7667	12.40	9.73	7.6300	79.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S4	100-12hr-90%	29.80	12.0000	12.40	9.73	7.6300	79.0	0.00	0.00
B-S4	100-1hr-10%	27.22	0.2667	3.84	1.84	7.6300	79.0	0.00	0.00
B-S4	100-1hr-90%	63.29	1.0000	3.84	1.84	7.6300	79.0	0.00	0.00
B-S4	100-24hr-10%	32.46	1.0000	15.80	13.05	7.6300	79.0	0.00	0.00
B-S4	100-24hr-90%	31.62	24.0000	15.80	13.05	7.6300	79.0	0.00	0.00
B-S4	100-6hr-10%	39.11	0.6833	9.30	6.75	7.6300	79.0	0.00	0.00
B-S4	100-6hr-90%	27.65	6.0000	9.30	6.75	7.6300	79.0	0.00	0.00
B-S4	10yr-12hr-10%	17.06	1.0167	7.13	4.72	7.6300	79.0	0.00	0.00
B-S4	10yr-12hr-90%	16.24	12.0000	7.13	4.72	7.6300	79.0	0.00	0.00
B-S4	10yr-1hr-10%	13.92	0.2833	2.74	1.01	7.6300	79.0	0.00	0.00
B-S4	10yr-1hr-90%	38.11	1.0000	2.74	1.01	7.6300	79.0	0.00	0.00
B-S4	10yr-24hr-10%	14.58	1.0167	8.69	6.18	7.6300	79.0	0.00	0.00
B-S4	10yr-24hr-90%	16.69	24.0000	8.69	6.18	7.6300	79.0	0.00	0.00
B-S4	10yr-6hr-10%	19.81	0.8500	5.66	3.39	7.6300	79.0	0.00	0.00
B-S4	10yr-6hr-90%	15.67	6.0000	5.66	3.39	7.6300	79.0	0.00	0.00
B-S4	25yr-12hr-10%	23.58	1.0167	9.07	6.53	7.6300	79.0	0.00	0.00
B-S4	25yr-12hr-90%	21.26	12.0000	9.07	6.53	7.6300	79.0	0.00	0.00
B-S4	25yr-1hr-10%	18.91	0.2833	3.18	1.33	7.6300	79.0	0.00	0.00
B-S4	25yr-1hr-90%	48.06	1.0000	3.18	1.33	7.6300	79.0	0.00	0.00
B-S4	25yr-24hr-10%	21.10	1.0000	11.30	8.67	7.6300	79.0	0.00	0.00
B-S4	25yr-24hr-90%	22.21	24.0000	11.30	8.67	7.6300	79.0	0.00	0.00
B-S4	25yr-6hr-10%	26.74	0.6833	7.03	4.63	7.6300	79.0	0.00	0.00
B-S4	25yr-6hr-90%	20.21	6.0000	7.03	4.63	7.6300	79.0	0.00	0.00
B-S4	2yr-12hr-10%	7.55	1.2667	4.15	2.09	7.6300	79.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-S4	2yr-12hr-9 0%	8.43	12.0000	4.15	2.09	7.6300	79.0	0.00	0.00
B-S4	2yr-1hr-10 %	6.68	0.3167	2.00	0.52	7.6300	79.0	0.00	0.00
B-S4	2yr-1hr-90 %	22.14	1.0167	2.00	0.53	7.6300	79.0	0.00	0.00
B-S4	2yr-24hr-1 0%	6.16	1.5000	4.87	2.70	7.6300	79.0	0.00	0.00
B-S4	2yr-24hr-9 0%	8.50	24.0000	4.87	2.70	7.6300	79.0	0.00	0.00
B-S4	2yr-6hr-10 %	9.20	0.8500	3.47	1.55	7.6300	79.0	0.00	0.00
B-S4	2yr-6hr-90 %	8.38	6.0000	3.47	1.55	7.6300	79.0	0.00	0.00
B-S4	50-12hr-1 0%	29.47	0.7667	10.70	8.09	7.6300	79.0	0.00	0.00
B-S4	50-12hr-9 0%	25.45	12.0000	10.70	8.09	7.6300	79.0	0.00	0.00
B-S4	50-1hr-10 %	22.99	0.2667	3.51	1.58	7.6300	79.0	0.00	0.00
B-S4	50-1hr-90 %	55.64	1.0000	3.51	1.58	7.6300	79.0	0.00	0.00
B-S4	50-24hr-1 0%	26.40	1.0000	13.40	10.70	7.6300	79.0	0.00	0.00
B-S4	50-24hr-9 0%	26.61	24.0000	13.40	10.70	7.6300	79.0	0.00	0.00
B-S4	50-6hr-10 %	32.77	0.6833	8.14	5.66	7.6300	79.0	0.00	0.00
B-S4	50-6hr-90 %	23.85	6.0000	8.14	5.66	7.6300	79.0	0.00	0.00
B-S4	5yr-12hr-1 0%	12.58	1.0167	5.78	3.50	7.6300	79.0	0.00	0.00
B-S4	5yr-12hr-9 0%	12.71	12.0000	5.78	3.50	7.6300	79.0	0.00	0.00
B-S4	5yr-1hr-10 %	10.59	0.3000	2.42	0.79	7.6300	79.0	0.00	0.00
B-S4	5yr-1hr-90 %	31.05	1.0000	2.42	0.79	7.6300	79.0	0.00	0.00
B-S4	5yr-24hr-1 0%	10.49	1.5000	6.93	4.54	7.6300	79.0	0.00	0.00
B-S4	5yr-24hr-9 0%	12.94	24.0000	6.93	4.54	7.6300	79.0	0.00	0.00
B-S4	5yr-6hr-10 %	15.02	0.8500	4.69	2.55	7.6300	79.0	0.00	0.00
B-S4	5yr-6hr-90 %	12.45	6.0000	4.69	2.55	7.6300	79.0	0.00	0.00

Simple Basin: B-S5

Scenario: EC
 Node: N-S5-UP
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 8.0400 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 20.2200 ac
 Curve Number: 82.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S5	100-12hr-10%	98.22	0.7833	12.40	10.12	20.2200	82.0	0.00	0.00
B-S5	100-12hr-90%	79.42	12.0000	12.40	10.12	20.2200	82.0	0.00	0.00
B-S5	100-1hr-1 0%	77.98	0.3000	3.84	2.07	20.2200	82.0	0.00	0.00
B-S5	100-1hr-9 0%	163.64	1.0167	3.84	2.07	20.2200	82.0	0.00	0.00
B-S5	100-24hr-10%	88.61	1.0167	15.80	13.46	20.2200	82.0	0.00	0.00
B-S5	100-24hr-90%	84.18	24.0000	15.80	13.46	20.2200	82.0	0.00	0.00
B-S5	100-6hr-1 0%	107.80	0.7000	9.30	7.11	20.2200	82.0	0.00	0.00
B-S5	100-6hr-9 0%	74.26	6.0000	9.30	7.11	20.2200	82.0	0.00	0.00
B-S5	10yr-12hr-10%	47.91	1.0333	7.13	5.05	20.2200	82.0	0.00	0.00
B-S5	10yr-12hr-90%	43.84	12.0000	7.13	5.05	20.2200	82.0	0.00	0.00
B-S5	10yr-1hr-1 0%	42.02	0.3167	2.74	1.18	20.2200	82.0	0.00	0.00
B-S5	10yr-1hr-9 0%	100.42	1.0167	2.74	1.18	20.2200	82.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S5	10yr-24hr-10%	41.29	1.0333	8.69	6.53	20.2200	82.0	0.00	0.00
B-S5	10yr-24hr-90%	44.89	24.0000	8.69	6.53	20.2200	82.0	0.00	0.00
B-S5	10yr-6hr-10%	55.88	0.8667	5.66	3.68	20.2200	82.0	0.00	0.00
B-S5	10yr-6hr-90%	42.77	6.0000	5.66	3.68	20.2200	82.0	0.00	0.00
B-S5	25yr-12hr-10%	65.77	0.8000	9.07	6.89	20.2200	82.0	0.00	0.00
B-S5	25yr-12hr-90%	57.02	12.0000	9.07	6.89	20.2200	82.0	0.00	0.00
B-S5	25yr-1hr-10%	55.74	0.3167	3.18	1.52	20.2200	82.0	0.00	0.00
B-S5	25yr-1hr-90%	125.47	1.0167	3.18	1.53	20.2200	82.0	0.00	0.00
B-S5	25yr-24hr-10%	58.64	1.0167	11.30	9.05	20.2200	82.0	0.00	0.00
B-S5	25yr-24hr-90%	59.39	24.0000	11.30	9.05	20.2200	82.0	0.00	0.00
B-S5	25yr-6hr-10%	75.06	0.7167	7.03	4.95	20.2200	82.0	0.00	0.00
B-S5	25yr-6hr-90%	54.70	6.0000	7.03	4.95	20.2200	82.0	0.00	0.00
B-S5	2yr-12hr-10%	21.94	1.2833	4.15	2.34	20.2200	82.0	0.00	0.00
B-S5	2yr-12hr-90%	23.32	12.0000	4.15	2.34	20.2200	82.0	0.00	0.00
B-S5	2yr-1hr-10%	21.66	0.3500	2.00	0.65	20.2200	82.0	0.00	0.00
B-S5	2yr-1hr-90%	60.30	1.0333	2.00	0.65	20.2200	82.0	0.00	0.00
B-S5	2yr-24hr-10%	17.94	1.5167	4.87	2.97	20.2200	82.0	0.00	0.00
B-S5	2yr-24hr-90%	23.36	24.0000	4.87	2.97	20.2200	82.0	0.00	0.00
B-S5	2yr-6hr-10%	27.22	0.8833	3.47	1.76	20.2200	82.0	0.00	0.00
B-S5	2yr-6hr-90%	23.52	6.0000	3.47	1.76	20.2200	82.0	0.00	0.00
B-S5	50-12hr-10%	81.65	0.7833	10.70	8.47	20.2200	82.0	0.00	0.00
B-S5	50-12hr-90%	68.01	12.0000	10.70	8.47	20.2200	82.0	0.00	0.00
B-S5	50-1hr-10%	66.62	0.3000	3.51	1.79	20.2200	82.0	0.00	0.00
B-S5	50-1hr-90%	144.50	1.0167	3.51	1.80	20.2200	82.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-S5	50-24hr-10%	72.65	1.0167	13.40	11.10	20.2200	82.0	0.00	0.00
B-S5	50-24hr-90%	70.98	24.0000	13.40	11.10	20.2200	82.0	0.00	0.00
B-S5	50-6hr-10%	91.00	0.7167	8.14	6.00	20.2200	82.0	0.00	0.00
B-S5	50-6hr-90%	64.29	6.0000	8.14	6.00	20.2200	82.0	0.00	0.00
B-S5	5yr-12hr-10%	35.93	1.0333	5.78	3.79	20.2200	82.0	0.00	0.00
B-S5	5yr-12hr-90%	34.59	12.0000	5.78	3.79	20.2200	82.0	0.00	0.00
B-S5	5yr-1hr-10%	32.74	0.3333	2.42	0.94	20.2200	82.0	0.00	0.00
B-S5	5yr-1hr-90%	82.70	1.0333	2.42	0.94	20.2200	82.0	0.00	0.00
B-S5	5yr-24hr-10%	29.78	1.0333	6.93	4.86	20.2200	82.0	0.00	0.00
B-S5	5yr-24hr-90%	35.03	24.0000	6.93	4.86	20.2200	82.0	0.00	0.00
B-S5	5yr-6hr-10%	43.01	0.8667	4.69	2.81	20.2200	82.0	0.00	0.00
B-S5	5yr-6hr-90%	34.27	6.0000	4.69	2.81	20.2200	82.0	0.00	0.00

Simple Basin: B-S6

Scenario: EC
 Node: N-S6-OUT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 50.6100 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 19.5700 ac
 Curve Number: 79.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S6	100-12hr-10%	79.54	1.6000	12.40	9.72	19.5700	79.0	0.00	0.00
B-S6	100-12hr-90%	65.69	12.1667	12.40	9.72	19.5700	79.0	0.00	0.00
B-S6	100-1hr-10%	35.25	1.0000	3.84	1.76	19.5700	79.0	0.00	0.00
B-S6	100-1hr-90%	46.26	1.4333	3.84	1.61	19.5700	79.0	0.00	0.00
B-S6	100-24hr-10%	72.39	1.7500	15.80	13.03	19.5700	79.0	0.00	0.00
B-S6	100-24hr-90%	72.26	24.1500	15.80	13.03	19.5700	79.0	0.00	0.00
B-S6	100-6hr-10%	81.51	1.4167	9.30	6.74	19.5700	79.0	0.00	0.00
B-S6	100-6hr-90%	63.94	6.1500	9.30	6.74	19.5700	79.0	0.00	0.00
B-S6	10yr-12hr-10%	38.53	1.7833	7.13	4.71	19.5700	79.0	0.00	0.00
B-S6	10yr-12hr-90%	35.27	12.1667	7.13	4.71	19.5700	79.0	0.00	0.00
B-S6	10yr-1hr-10%	19.49	1.0500	2.74	0.96	19.5700	79.0	0.00	0.00
B-S6	10yr-1hr-90%	25.53	1.4500	2.74	0.88	19.5700	79.0	0.00	0.00
B-S6	10yr-24hr-10%	33.18	1.9833	8.69	6.17	19.5700	79.0	0.00	0.00
B-S6	10yr-24hr-90%	37.76	24.1667	8.69	6.17	19.5700	79.0	0.00	0.00
B-S6	10yr-6hr-10%	41.44	1.5167	5.66	3.38	19.5700	79.0	0.00	0.00
B-S6	10yr-6hr-90%	35.24	6.1667	5.66	3.38	19.5700	79.0	0.00	0.00
B-S6	25yr-12hr-10%	53.34	1.7000	9.07	6.52	19.5700	79.0	0.00	0.00
B-S6	25yr-12hr-90%	46.54	12.1667	9.07	6.52	19.5700	79.0	0.00	0.00
B-S6	25yr-1hr-10%	25.54	1.0333	3.18	1.27	19.5700	79.0	0.00	0.00
B-S6	25yr-1hr-90%	33.51	1.4333	3.18	1.16	19.5700	79.0	0.00	0.00
B-S6	25yr-24hr-10%	47.28	1.8500	11.30	8.65	19.5700	79.0	0.00	0.00
B-S6	25yr-24hr-90%	50.51	24.1500	11.30	8.65	19.5700	79.0	0.00	0.00
B-S6	25yr-6hr-10%	56.24	1.4667	7.03	4.62	19.5700	79.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S6	25yr-6hr-90%	46.08	6.1500	7.03	4.62	19.5700	79.0	0.00	0.00
B-S6	2yr-12hr-10%	17.20	1.9833	4.15	2.09	19.5700	79.0	0.00	0.00
B-S6	2yr-12hr-90%	17.82	12.1833	4.15	2.09	19.5700	79.0	0.00	0.00
B-S6	2yr-1hr-10%	10.36	1.0833	2.00	0.50	19.5700	79.0	0.00	0.00
B-S6	2yr-1hr-90%	13.43	1.4667	2.00	0.45	19.5700	79.0	0.00	0.00
B-S6	2yr-24hr-10%	14.12	2.3000	4.87	2.70	19.5700	79.0	0.00	0.00
B-S6	2yr-24hr-90%	18.86	24.1667	4.87	2.70	19.5700	79.0	0.00	0.00
B-S6	2yr-6hr-10%	19.32	1.6167	3.47	1.55	19.5700	79.0	0.00	0.00
B-S6	2yr-6hr-90%	18.04	6.1833	3.47	1.55	19.5700	79.0	0.00	0.00
B-S6	50-12hr-10%	66.07	1.6500	10.70	8.08	19.5700	79.0	0.00	0.00
B-S6	50-12hr-90%	55.94	12.1667	10.70	8.08	19.5700	79.0	0.00	0.00
B-S6	50-1hr-10%	30.32	1.0167	3.51	1.51	19.5700	79.0	0.00	0.00
B-S6	50-1hr-90%	39.79	1.4333	3.51	1.38	19.5700	79.0	0.00	0.00
B-S6	50-24hr-10%	58.92	1.8000	13.40	10.69	19.5700	79.0	0.00	0.00
B-S6	50-24hr-90%	60.69	24.1500	13.40	10.69	19.5700	79.0	0.00	0.00
B-S6	50-6hr-10%	68.51	1.4500	8.14	5.65	19.5700	79.0	0.00	0.00
B-S6	50-6hr-90%	54.83	6.1500	8.14	5.65	19.5700	79.0	0.00	0.00
B-S6	5yr-12hr-10%	28.57	1.8500	5.78	3.49	19.5700	79.0	0.00	0.00
B-S6	5yr-12hr-90%	27.37	12.1833	5.78	3.49	19.5700	79.0	0.00	0.00
B-S6	5yr-1hr-10%	15.35	1.0667	2.42	0.75	19.5700	79.0	0.00	0.00
B-S6	5yr-1hr-90%	20.05	1.4500	2.42	0.68	19.5700	79.0	0.00	0.00
B-S6	5yr-24hr-10%	24.10	2.1167	6.93	4.53	19.5700	79.0	0.00	0.00
B-S6	5yr-24hr-90%	29.09	24.1667	6.93	4.53	19.5700	79.0	0.00	0.00
B-S6	5yr-6hr-10%	31.33	1.5500	4.69	2.54	19.5700	79.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-S6	5yr-6hr-90%	27.58	6.1667	4.69	2.54	19.5700	79.0	0.00	0.00

Simple Basin: B-S7

Scenario: EC
 Node: N-S7-OUT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 64.8600 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 271.0600 ac
 Curve Number: 78.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [EC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S7	100-12hr-10%	1032.90	1.8667	12.40	9.58	271.0600	78.0	0.00	0.00
B-S7	100-12hr-90%	860.96	12.2500	12.40	9.58	271.0600	78.0	0.00	0.00
B-S7	100-1hr-1 0%	409.76	1.1833	3.84	1.57	271.0600	78.0	0.00	0.00
B-S7	100-1hr-9 0%	488.41	1.6000	3.84	1.31	271.0600	78.0	0.00	0.00
B-S7	100-24hr-10%	950.11	2.0167	15.80	12.88	271.0600	78.0	0.00	0.00
B-S7	100-24hr-90%	952.69	24.2333	15.80	12.88	271.0600	78.0	0.00	0.00
B-S7	100-6hr-1 0%	1028.66	1.6333	9.30	6.62	271.0600	78.0	0.00	0.00
B-S7	100-6hr-9 0%	830.32	6.2333	9.30	6.62	271.0600	78.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-S7	10yr-12hr-10%	497.45	2.0167	7.13	4.60	271.0600	78.0	0.00	0.00
B-S7	10yr-12hr-90%	457.39	12.2500	7.13	4.60	271.0600	78.0	0.00	0.00
B-S7	10yr-1hr-1 0%	222.75	1.2167	2.74	0.84	271.0600	78.0	0.00	0.00
B-S7	10yr-1hr-9 0%	264.70	1.6000	2.74	0.70	271.0600	78.0	0.00	0.00
B-S7	10yr-24hr-10%	434.97	2.2833	8.69	6.04	271.0600	78.0	0.00	0.00
B-S7	10yr-24hr-90%	493.98	24.2333	8.69	6.04	271.0600	78.0	0.00	0.00
B-S7	10yr-6hr-1 0%	517.86	1.7167	5.66	3.29	271.0600	78.0	0.00	0.00
B-S7	10yr-6hr-9 0%	450.44	6.2667	5.66	3.29	271.0600	78.0	0.00	0.00
B-S7	25yr-12hr-10%	690.79	1.9500	9.07	6.40	271.0600	78.0	0.00	0.00
B-S7	25yr-12hr-90%	606.87	12.2500	9.07	6.40	271.0600	78.0	0.00	0.00
B-S7	25yr-1hr-1 0%	294.43	1.2000	3.18	1.12	271.0600	78.0	0.00	0.00
B-S7	25yr-1hr-9 0%	350.63	1.6000	3.18	0.93	271.0600	78.0	0.00	0.00
B-S7	25yr-24hr-10%	619.58	2.1500	11.30	8.52	271.0600	78.0	0.00	0.00
B-S7	25yr-24hr-90%	663.55	24.2333	11.30	8.52	271.0600	78.0	0.00	0.00
B-S7	25yr-6hr-1 0%	706.10	1.6833	7.03	4.51	271.0600	78.0	0.00	0.00
B-S7	25yr-6hr-9 0%	593.58	6.2500	7.03	4.51	271.0600	78.0	0.00	0.00
B-S7	2yr-12hr-1 0%	219.67	2.2333	4.15	2.01	271.0600	78.0	0.00	0.00
B-S7	2yr-12hr-9 0%	227.01	12.2833	4.15	2.01	271.0600	78.0	0.00	0.00
B-S7	2yr-1hr-10 %	115.52	1.2500	2.00	0.43	271.0600	78.0	0.00	0.00
B-S7	2yr-1hr-90 %	136.14	1.6167	2.00	0.35	271.0600	78.0	0.00	0.00
B-S7	2yr-24hr-1 0%	183.24	2.6000	4.87	2.61	271.0600	78.0	0.00	0.00
B-S7	2yr-24hr-9 0%	243.02	24.2500	4.87	2.61	271.0600	78.0	0.00	0.00
B-S7	2yr-6hr-10 %	237.61	1.8167	3.47	1.48	271.0600	78.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S7	2yr-6hr-90%	225.11	6.2833	3.47	1.48	271.0600	78.0	0.00	0.00
B-S7	50-12hr-10%	857.08	1.9000	10.70	7.94	271.0600	78.0	0.00	0.00
B-S7	50-12hr-90%	731.61	12.2500	10.70	7.94	271.0600	78.0	0.00	0.00
B-S7	50-1hr-10%	351.04	1.2000	3.51	1.34	271.0600	78.0	0.00	0.00
B-S7	50-1hr-90%	418.38	1.6000	3.51	1.12	271.0600	78.0	0.00	0.00
B-S7	50-24hr-10%	772.42	2.0667	13.40	10.54	271.0600	78.0	0.00	0.00
B-S7	50-24hr-90%	798.90	24.2333	13.40	10.54	271.0600	78.0	0.00	0.00
B-S7	50-6hr-10%	862.58	1.6500	8.14	5.53	271.0600	78.0	0.00	0.00
B-S7	50-6hr-90%	709.46	6.2500	8.14	5.53	271.0600	78.0	0.00	0.00
B-S7	5yr-12hr-10%	367.60	2.1000	5.78	3.39	271.0600	78.0	0.00	0.00
B-S7	5yr-12hr-90%	352.92	12.2667	5.78	3.39	271.0600	78.0	0.00	0.00
B-S7	5yr-1hr-10%	174.00	1.2333	2.42	0.65	271.0600	78.0	0.00	0.00
B-S7	5yr-1hr-90%	206.23	1.6167	2.42	0.54	271.0600	78.0	0.00	0.00
B-S7	5yr-24hr-10%	315.20	2.4000	6.93	4.42	271.0600	78.0	0.00	0.00
B-S7	5yr-24hr-90%	378.67	24.2500	6.93	4.42	271.0600	78.0	0.00	0.00
B-S7	5yr-6hr-10%	389.48	1.7500	4.69	2.46	271.0600	78.0	0.00	0.00
B-S7	5yr-6hr-90%	349.64	6.2667	4.69	2.46	271.0600	78.0	0.00	0.00

Node: N-G1-OUT

Scenario: EC
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 5.74 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G1-O UT	100-12hr-10%	0.00	5.74	0.0000	1167.64	0.00	0	0.0000	0.0000	1.8000	0.0000
N-G1-O UT	100-12hr-90%	0.00	5.74	0.0000	964.48	0.00	0	0.0000	0.0000	12.2333	0.0000
N-G1-O UT	100-1hr-10%	0.00	5.74	0.0000	482.85	0.00	0	0.0000	0.0000	1.1500	0.0000
N-G1-O UT	100-1hr-90%	0.00	5.74	0.0000	583.22	0.00	0	0.0000	0.0000	1.5666	0.0000
N-G1-O UT	100-24hr-10%	0.00	5.74	0.0000	1071.66	0.00	0	0.0000	0.0000	1.9500	0.0000
N-G1-O UT	100-24hr-90%	0.00	5.74	0.0000	1064.30	0.00	0	0.0000	0.0000	24.2166	0.0000
N-G1-O UT	100-6hr-10%	0.00	5.74	0.0000	1171.78	0.00	0	0.0000	0.0000	1.5833	0.0000
N-G1-O UT	100-6hr-90%	0.00	5.74	0.0000	935.19	0.00	0	0.0000	0.0000	6.2167	0.0000
N-G1-O UT	10yr-12hr-10%	0.00	5.74	0.0000	567.18	0.00	0	0.0000	0.0000	1.9667	0.0000
N-G1-O UT	10yr-12hr-90%	0.00	5.74	0.0000	516.04	0.00	0	0.0000	0.0000	12.2333	0.0000
N-G1-O UT	10yr-1hr-10%	0.00	5.74	0.0000	266.27	0.00	0	0.0000	0.0000	1.1832	0.0000
N-G1-O UT	10yr-1hr-90%	0.00	5.74	0.0000	320.85	0.00	0	0.0000	0.0000	1.5833	0.0000
N-G1-O UT	10yr-24hr-10%	0.00	5.74	0.0000	494.20	0.00	0	0.0000	0.0000	2.2166	0.0000
N-G1-O UT	10yr-24hr-90%	0.00	5.74	0.0000	554.90	0.00	0	0.0000	0.0000	24.2167	0.0000
N-G1-O UT	10yr-6hr-10%	0.00	5.74	0.0000	595.77	0.00	0	0.0000	0.0000	1.6667	0.0000
N-G1-O UT	10yr-6hr-90%	0.00	5.74	0.0000	512.23	0.00	0	0.0000	0.0000	6.2334	0.0000
N-G1-O UT	25yr-12hr-10%	0.00	5.74	0.0000	784.36	0.00	0	0.0000	0.0000	1.8833	0.0000
N-G1-O UT	25yr-12hr-90%	0.00	5.74	0.0000	682.17	0.00	0	0.0000	0.0000	12.2333	0.0000
N-G1-O UT	25yr-1hr-10%	0.00	5.74	0.0000	349.53	0.00	0	0.0000	0.0000	1.1667	0.0000
N-G1-O UT	25yr-1hr-90%	0.00	5.74	0.0000	421.95	0.00	0	0.0000	0.0000	1.5667	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
UT	-90%										
N-G1-O UT	25yr-24hr-10%	0.00	5.74	0.0000	701.39	0.00	0	0.0000	0.0000	2.0832	0.0000
N-G1-O UT	25yr-24hr-90%	0.00	5.74	0.0000	743.18	0.00	0	0.0000	0.0000	24.2167	0.0000
N-G1-O UT	25yr-6hr-10%	0.00	5.74	0.0000	808.47	0.00	0	0.0000	0.0000	1.6333	0.0000
N-G1-O UT	25yr-6hr-90%	0.00	5.74	0.0000	671.76	0.00	0	0.0000	0.0000	6.2332	0.0000
N-G1-O UT	2yr-12hr-10%	0.00	5.74	0.0000	253.74	0.00	0	0.0000	0.0000	2.1666	0.0000
N-G1-O UT	2yr-12hr-90%	0.00	5.74	0.0000	259.33	0.00	0	0.0000	0.0000	12.2665	0.0000
N-G1-O UT	2yr-1hr-10%	0.00	5.74	0.0000	140.83	0.00	0	0.0000	0.0000	1.2167	0.0000
N-G1-O UT	2yr-1hr-90%	0.00	5.74	0.0000	168.40	0.00	0	0.0000	0.0000	1.5834	0.0000
N-G1-O UT	2yr-24hr-10%	0.00	5.74	0.0000	210.83	0.00	0	0.0000	0.0000	2.5012	0.0000
N-G1-O UT	2yr-24hr-90%	0.00	5.74	0.0000	275.93	0.00	0	0.0000	0.0000	24.2334	0.0000
N-G1-O UT	2yr-6hr-10%	0.00	5.74	0.0000	277.50	0.00	0	0.0000	0.0000	1.7828	0.0000
N-G1-O UT	2yr-6hr-90%	0.00	5.74	0.0000	259.94	0.00	0	0.0000	0.0000	6.2668	0.0000
N-G1-O UT	50-12hr-10%	0.00	5.74	0.0000	970.79	0.00	0	0.0000	0.0000	1.8500	0.0000
N-G1-O UT	50-12hr-90%	0.00	5.74	0.0000	820.76	0.00	0	0.0000	0.0000	12.2333	0.0000
N-G1-O UT	50-1hr-10%	0.00	5.74	0.0000	415.03	0.00	0	0.0000	0.0000	1.1501	0.0000
N-G1-O UT	50-1hr-90%	0.00	5.74	0.0000	501.36	0.00	0	0.0000	0.0000	1.5667	0.0000
N-G1-O UT	50-24hr-10%	0.00	5.74	0.0000	872.75	0.00	0	0.0000	0.0000	2.0000	0.0000
N-G1-O UT	50-24hr-90%	0.00	5.74	0.0000	893.48	0.00	0	0.0000	0.0000	24.2167	0.0000
N-G1-O UT	50-6hr-10%	0.00	5.74	0.0000	984.81	0.00	0	0.0000	0.0000	1.6166	0.0000
N-G1-O UT	50-6hr-90%	0.00	5.74	0.0000	800.74	0.00	0	0.0000	0.0000	6.2167	0.0000
N-G1-O UT	5yr-12hr-10%	0.00	5.74	0.0000	420.92	0.00	0	0.0000	0.0000	2.0338	0.0000
N-G1-O UT	5yr-12hr-90%	0.00	5.74	0.0000	399.79	0.00	0	0.0000	0.0000	12.2500	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G1-O UT	5yr-1hr-10%	0.00	5.74	0.0000	209.41	0.00	0	0.0000	0.0000	1.2000	0.0000
N-G1-O UT	5yr-1hr-90%	0.00	5.74	0.0000	251.82	0.00	0	0.0000	0.0000	1.5834	0.0000
N-G1-O UT	5yr-24hr-10%	0.00	5.74	0.0000	359.67	0.00	0	0.0000	0.0000	2.3330	0.0000
N-G1-O UT	5yr-24hr-90%	0.00	5.74	0.0000	426.84	0.00	0	0.0000	0.0000	24.2332	0.0000
N-G1-O UT	5yr-6hr-10%	0.00	5.74	0.0000	450.36	0.00	0	0.0000	0.0000	1.7165	0.0000
N-G1-O UT	5yr-6hr-90%	0.00	5.74	0.0000	399.63	0.00	0	0.0000	0.0000	6.2500	0.0000

Node: N-G2-G3

Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.38 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G2-G3	100-12hr-10%	0.00	22.06	0.0005	6120.34	5991.49	646853	1.9931	0.5965	1.7614	1.9931
N-G2-G3	100-12hr-90%	0.00	20.75	0.0010	5248.65	4876.36	646139	12.3546	9.8418	12.2774	12.3542
N-G2-G3	100-1hr-10%	0.00	17.47	-0.0010	2631.59	2533.59	365663	1.2150	1.5285	1.1334	1.2150
N-G2-G3	100-1hr-90%	0.00	18.46	0.0012	3600.90	3172.28	417199	1.6063	1.1040	1.4945	1.6063
N-G2-G3	100-24hr-10%	0.00	21.52	0.0005	5603.33	5515.29	646448	2.1564	0.6283	1.9000	2.1564
N-G2-G3	100-24hr-90%	0.00	21.37	0.0010	5843.69	5389.92	646621	24.3423	16.8994	24.2411	24.3420

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	r-90%										
N-G2-G3	100-6hr -10%	0.00	22.02	0.0011	6223.10	5958.64	646905	1.7645	0.5897	1.5874	1.7645
N-G2-G3	100-6hr -90%	0.00	20.57	-0.0010	5053.53	4727.76	645991	6.3482	7.0592	6.2712	6.3481
N-G2-G3	10yr-12 hr-10%	0.00	18.15	0.0010	3008.00	2962.73	365595	1.9881	0.7292	1.6979	1.9881
N-G2-G3	10yr-12 hr-90%	0.00	17.74	0.0010	2781.69	2698.96	365559	12.3000	8.8171	12.1805	12.3000
N-G2-G3	10yr-1hr -10%	0.00	15.53	-0.0010	1471.16	1459.34	89556	1.1390	1.6894	1.0869	1.1390
N-G2-G3	10yr-1hr -90%	0.00	16.29	0.0010	1872.42	1847.18	89762	1.5301	1.2164	1.4656	1.5303
N-G2-G3	10yr-24 hr-10%	0.00	17.56	0.0010	2619.43	2584.52	365565	2.2349	0.7695	2.0495	2.2349
N-G2-G3	10yr-24 hr-90%	0.00	18.04	0.0010	2957.74	2893.90	365545	24.2812	14.0693	24.1700	24.2812
N-G2-G3	10yr-6hr -10%	0.00	18.39	0.0010	3237.81	3125.66	365565	1.7051	0.6987	1.4541	1.7052
N-G2-G3	10yr-6hr -90%	0.00	17.72	0.0010	2780.97	2683.94	365566	6.3018	3.1605	6.1834	6.3018
N-G2-G3	25yr-12 hr-10%	0.00	19.72	0.0010	4237.49	4067.90	532317	2.0060	0.6879	1.8535	2.0059
N-G2-G3	25yr-12 hr-90%	0.00	19.01	0.0010	3624.03	3551.41	365520	12.2869	5.5617	12.1841	12.2869
N-G2-G3	25yr-1hr -10%	0.00	16.40	0.0010	1920.36	1908.64	92991	1.1154	0.4812	1.0681	1.1154
N-G2-G3	25yr-1hr -90%	0.00	17.05	0.0011	2347.68	2277.79	272860	1.5936	1.1491	1.4999	1.5936
N-G2-G3	25yr-24 hr-10%	0.00	19.14	-0.0010	3671.95	3646.84	383334	2.1258	8.3147	1.9486	2.1258
N-G2-G3	25yr-24 hr-90%	0.00	19.43	0.0010	3931.58	3853.93	444539	24.2909	19.6405	24.1834	24.2909
N-G2-G3	25yr-6hr -10%	0.00	19.88	0.0010	4414.19	4187.22	591306	1.7604	0.6849	1.5987	1.7604
N-G2-G3	25yr-6hr -90%	0.00	18.94	-0.0010	3575.27	3498.63	365537	6.2814	6.8076	6.1746	6.2815
N-G2-G3	2yr-12hr -10%	0.00	15.28	0.0010	1338.92	1337.30	89285	2.1087	0.8834	2.0520	2.1087
N-G2-G3	2yr-12hr -90%	0.00	15.36	0.0010	1382.43	1376.65	89357	12.2556	8.7234	12.1991	12.2559
N-G2-G3	2yr-1hr-10%	0.00	13.97	0.0010	788.72	776.04	88042	1.2045	0.7193	1.1311	1.2049
N-G2-G3	2yr-1hr-90%	0.00	14.45	0.0010	998.47	966.29	88501	1.5771	1.3593	1.4934	1.5771

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G2-G3	2yr-24hr -10%	0.00	14.77	0.0010	1106.60	1105.67	88792	2.4480	0.9468	2.3853	2.4501
N-G2-G3	2yr-24hr -90%	0.00	15.54	0.0010	1465.82	1460.45	89521	24.2397	21.1653	24.1960	24.2399
N-G2-G3	2yr-6hr-10%	0.00	15.58	0.0010	1485.89	1481.93	89585	1.7304	0.8509	1.6812	1.7304
N-G2-G3	2yr-6hr-90%	0.00	15.39	-0.0010	1393.72	1387.03	89385	6.2591	7.8103	6.2090	6.2591
N-G2-G3	50-12hr -10%	0.00	20.89	0.0010	5329.73	4993.01	646267	2.0303	0.6147	1.8765	2.0308
N-G2-G3	50-12hr -90%	0.00	19.90	-0.0010	4414.92	4208.16	568948	12.3300	12.9295	12.2393	12.3296
N-G2-G3	50-1hr-10%	0.00	16.91	0.0010	2231.09	2193.86	233020	1.1749	0.6313	1.0923	1.1749
N-G2-G3	50-1hr-90%	0.00	17.76	0.0011	2941.57	2711.89	365724	1.6274	1.1250	1.5394	1.6274
N-G2-G3	50-24hr -10%	0.00	20.29	0.0010	4709.51	4508.03	645746	2.2062	0.6348	2.0174	2.2079
N-G2-G3	50-24hr -90%	0.00	20.33	0.0010	4820.78	4539.50	645779	24.3367	21.3115	24.2799	24.3368
N-G2-G3	50-6hr-10%	0.00	20.94	-0.0010	5445.90	5033.35	646311	1.7794	2.7441	1.5555	1.7794
N-G2-G3	50-6hr-90%	0.00	19.78	-0.0010	4319.65	4115.33	546416	6.3198	6.9008	6.2244	6.3194
N-G2-G3	5yr-12hr -10%	0.00	16.91	-0.0010	2207.71	2196.38	234156	2.0764	4.1139	1.9670	2.0764
N-G2-G3	5yr-12hr -90%	0.00	16.71	0.0010	2097.23	2084.46	180182	12.2748	6.1513	12.2012	12.2748
N-G2-G3	5yr-1hr-10%	0.00	14.88	0.0010	1162.66	1151.27	88917	1.1608	0.6054	1.1016	1.1608
N-G2-G3	5yr-1hr-90%	0.00	15.52	0.0010	1478.89	1451.16	89550	1.5441	1.1871	1.4834	1.5441
N-G2-G3	5yr-24hr -10%	0.00	16.35	-0.0010	1882.44	1881.38	89637	2.2581	10.1835	2.2086	2.2592
N-G2-G3	5yr-24hr -90%	0.00	16.95	0.0010	2246.81	2219.92	245358	24.2823	14.0068	24.2000	24.2823
N-G2-G3	5yr-6hr-10%	0.00	17.18	0.0010	2391.56	2355.07	308765	1.7789	0.7186	1.6686	1.7789
N-G2-G3	5yr-6hr-90%	0.00	16.72	0.0010	2100.33	2087.17	181515	6.2763	3.2814	6.2003	6.2765

Node: N-G2C

Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 14.76 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G2C	100-12h r-10%	0.00	22.07	0.0011	790.85	789.42	4278	1.9929	3.1440	1.4000	1.3370
N-G2C	100-12h r-90%	0.00	20.76	0.0035	656.17	822.80	4208	12.3545	11.6044	12.1000	12.2774
N-G2C	100-1hr -10%	0.00	18.60	-0.0010	381.48	381.45	3684	0.8036	1.7596	0.8000	0.8039
N-G2C	100-1hr -90%	0.00	19.63	-0.0009	584.99	584.80	4014	1.2844	1.8998	1.2833	1.2844
N-G2C	100-24h r-10%	0.00	21.52	-0.0011	711.29	709.71	4188	2.1564	3.5272	1.5500	1.4160
N-G2C	100-24h r-90%	0.00	21.37	0.0027	720.58	971.89	4205	24.3412	23.1894	24.0833	24.3190
N-G2C	100-6hr -10%	0.00	22.03	0.0021	828.51	828.49	4295	1.7628	2.4901	1.2333	1.2339
N-G2C	100-6hr -90%	0.00	20.57	0.0032	638.35	765.16	4212	6.3512	5.8282	6.0667	6.3512
N-G2C	10yr-12 hr-10%	0.00	18.93	-0.0010	385.70	384.36	3919	1.8860	3.8603	1.5334	1.5337
N-G2C	10yr-12 hr-90%	0.00	18.66	-0.0010	355.09	354.28	3785	12.1866	12.9348	12.1000	12.1014
N-G2C	10yr-1hr -10%	0.00	17.54	-0.0010	215.97	215.94	3155	0.8852	1.4952	0.8833	0.8854
N-G2C	10yr-1hr -90%	0.00	18.34	-0.0010	336.34	336.07	3421	1.2876	1.9155	1.2833	1.2877
N-G2C	10yr-24 hr-10%	0.00	18.53	-0.0009	330.74	330.13	3728	2.1551	5.0004	1.7332	1.7343
N-G2C	10yr-24 hr-90%	0.00	18.87	-0.0010	378.56	377.83	3886	24.1703	24.9424	24.0833	24.0860
N-G2C	10yr-6hr -10%	0.00	19.07	-0.0010	426.10	426.08	3990	1.6186	2.8400	1.3167	1.3184
N-G2C	10yr-6hr -90%	0.00	18.64	-0.0010	356.46	355.64	3775	6.1879	6.9093	6.0833	6.0843

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G2C	25yr-12 hr-10%	0.00	19.74	0.0033	532.14	610.43	4212	1.7556	1.7556	1.4667	1.7556
N-G2C	25yr-12 hr-90%	0.00	19.45	0.0010	466.56	465.62	4179	12.2172	4.0281	12.1000	12.1005
N-G2C	25yr-1hr -10%	0.00	17.98	-0.0010	279.41	279.39	3388	0.8525	1.6294	0.8500	0.8527
N-G2C	25yr-1hr -90%	0.00	18.88	-0.0007	433.03	432.76	3700	1.2859	1.4493	1.2833	1.2860
N-G2C	25yr-24 hr-10%	0.00	19.54	-0.0009	468.32	467.32	4201	2.0787	5.6058	1.6832	1.6841
N-G2C	25yr-24 hr-90%	0.00	19.72	-0.0010	504.87	503.98	4206	24.2216	25.0795	24.0833	24.0842
N-G2C	25yr-6hr -10%	0.00	19.88	0.0031	574.73	614.41	4218	1.7656	1.4894	1.2667	1.5987
N-G2C	25yr-6hr -90%	0.00	19.40	-0.0010	462.85	461.85	4156	6.2085	7.0181	6.0833	6.0836
N-G2C	2yr-12hr -10%	0.00	17.21	-0.0009	174.79	174.78	3047	1.7385	2.8787	1.7337	1.7392
N-G2C	2yr-12hr -90%	0.00	17.28	-0.0010	182.55	182.52	3081	12.1132	12.5947	12.1000	12.1132
N-G2C	2yr-1hr -10%	0.00	16.72	-0.0008	119.71	119.69	2838	0.9354	1.2233	0.9333	0.9355
N-G2C	2yr-1hr -90%	0.00	17.31	-0.0008	186.71	186.59	2870	1.2961	1.5500	1.2833	1.2961
N-G2C	2yr-24hr -10%	0.00	16.92	-0.0007	141.66	141.65	2907	2.1550	7.3698	2.1503	2.1565
N-G2C	2yr-24hr -90%	0.00	17.35	-0.0010	191.49	191.48	3123	24.1003	24.6151	24.0834	24.1005
N-G2C	2yr-6hr -10%	0.00	17.44	-0.0010	202.79	202.77	3141	1.4108	2.3385	1.3999	1.4111
N-G2C	2yr-6hr -90%	0.00	17.31	0.0010	186.99	186.96	3093	6.1024	3.0160	6.1000	6.1025
N-G2C	50-12hr -10%	0.00	20.90	-0.0037	657.91	858.85	4183	2.0215	1.7212	1.4333	2.0100
N-G2C	50-12hr -90%	0.00	19.91	0.0033	559.62	623.05	4207	12.3240	12.0376	12.1000	12.2393
N-G2C	50-1hr -10%	0.00	18.30	-0.0010	329.48	329.45	3542	0.8264	1.6977	0.8167	0.8265
N-G2C	50-1hr -90%	0.00	19.26	-0.0007	508.14	507.90	3866	1.2851	1.8810	1.2833	1.2851
N-G2C	50-24hr -10%	0.00	20.30	0.0032	580.86	705.38	4218	2.2075	1.5407	1.6333	2.2980
N-G2C	50-24hr -90%	0.00	20.33	0.0030	605.80	718.88	4205	24.3270	23.7450	24.0833	24.2799
N-G2C	50-6hr -10%	0.00	20.95	-0.0054	697.97	855.38	4172	1.7816	1.5556	1.2500	1.8498

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	10%										
N-G2C	50-6hr-90%	0.00	19.79	0.0033	548.81	610.46	4209	6.3215	6.1171	6.0667	6.1121
N-G2C	5yr-12hr-10%	0.00	18.12	-0.0010	287.26	286.87	3525	1.9059	3.5747	1.6168	1.6223
N-G2C	5yr-12hr-90%	0.00	18.05	-0.0010	277.04	276.70	3478	12.1505	12.8099	12.1000	12.1029
N-G2C	5yr-1hr-10%	0.00	17.19	-0.0010	172.55	172.51	2975	0.9051	1.3050	0.9000	0.9052
N-G2C	5yr-1hr-90%	0.00	17.91	-0.0010	269.23	269.00	3197	1.2897	1.8201	1.2833	1.2898
N-G2C	5yr-24hr-10%	0.00	17.78	-0.0010	240.48	240.13	3357	2.1391	4.3750	1.7835	1.7873
N-G2C	5yr-24hr-90%	0.00	18.17	0.0010	292.70	292.27	3542	24.1513	10.2994	24.0833	24.0877
N-G2C	5yr-6hr-10%	0.00	18.29	-0.0010	324.32	324.29	3604	1.5742	2.6934	1.3500	1.3529
N-G2C	5yr-6hr-90%	0.00	18.06	-0.0010	281.08	280.70	3482	6.1387	6.8210	6.0833	6.0878

Node: N-G3-OUT

Scenario: EC
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 7.38 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G3-O UT	100-12hr-10%	0.00	7.38	0.0000	5991.49	0.00	0	0.0000	0.0000	1.9931	0.0000
N-G3-O	100-12hr	0.00	7.38	0.0000	4876.36	0.00	0	0.0000	0.0000	12.3542	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
UT	r-90%										
N-G3-O UT	100-1hr-10%	0.00	7.38	0.0000	2533.59	0.00	0	0.0000	0.0000	1.2150	0.0000
N-G3-O UT	100-1hr-90%	0.00	7.38	0.0000	3172.28	0.00	0	0.0000	0.0000	1.6063	0.0000
N-G3-O UT	100-24hr-10%	0.00	7.38	0.0000	5515.29	0.00	0	0.0000	0.0000	2.1564	0.0000
N-G3-O UT	100-24hr-90%	0.00	7.38	0.0000	5389.92	0.00	0	0.0000	0.0000	24.3420	0.0000
N-G3-O UT	100-6hr-10%	0.00	7.38	0.0000	5958.64	0.00	0	0.0000	0.0000	1.7645	0.0000
N-G3-O UT	100-6hr-90%	0.00	7.38	0.0000	4727.76	0.00	0	0.0000	0.0000	6.3481	0.0000
N-G3-O UT	10yr-12hr-10%	0.00	7.38	0.0000	2962.73	0.00	0	0.0000	0.0000	1.9881	0.0000
N-G3-O UT	10yr-12hr-90%	0.00	7.38	0.0000	2698.96	0.00	0	0.0000	0.0000	12.3000	0.0000
N-G3-O UT	10yr-1hr-10%	0.00	7.38	0.0000	1459.34	0.00	0	0.0000	0.0000	1.1390	0.0000
N-G3-O UT	10yr-1hr-90%	0.00	7.38	0.0000	1847.18	0.00	0	0.0000	0.0000	1.5303	0.0000
N-G3-O UT	10yr-24hr-10%	0.00	7.38	0.0000	2584.52	0.00	0	0.0000	0.0000	2.2349	0.0000
N-G3-O UT	10yr-24hr-90%	0.00	7.38	0.0000	2893.90	0.00	0	0.0000	0.0000	24.2812	0.0000
N-G3-O UT	10yr-6hr-10%	0.00	7.38	0.0000	3125.66	0.00	0	0.0000	0.0000	1.7052	0.0000
N-G3-O UT	10yr-6hr-90%	0.00	7.38	0.0000	2683.94	0.00	0	0.0000	0.0000	6.3018	0.0000
N-G3-O UT	25yr-12hr-10%	0.00	7.38	0.0000	4067.90	0.00	0	0.0000	0.0000	2.0059	0.0000
N-G3-O UT	25yr-12hr-90%	0.00	7.38	0.0000	3551.41	0.00	0	0.0000	0.0000	12.2869	0.0000
N-G3-O UT	25yr-1hr-10%	0.00	7.38	0.0000	1908.64	0.00	0	0.0000	0.0000	1.1154	0.0000
N-G3-O UT	25yr-1hr-90%	0.00	7.38	0.0000	2277.79	0.00	0	0.0000	0.0000	1.5936	0.0000
N-G3-O UT	25yr-24hr-10%	0.00	7.38	0.0000	3646.84	0.00	0	0.0000	0.0000	2.1258	0.0000
N-G3-O UT	25yr-24hr-90%	0.00	7.38	0.0000	3853.93	0.00	0	0.0000	0.0000	24.2909	0.0000
N-G3-O UT	25yr-6hr-10%	0.00	7.38	0.0000	4187.22	0.00	0	0.0000	0.0000	1.7604	0.0000
N-G3-O UT	25yr-6hr-90%	0.00	7.38	0.0000	3498.63	0.00	0	0.0000	0.0000	6.2815	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G3-O UT	2yr-12hr -10%	0.00	7.38	0.0000	1337.30	0.00	0	0.0000	0.0000	2.1087	0.0000
N-G3-O UT	2yr-12hr -90%	0.00	7.38	0.0000	1376.65	0.00	0	0.0000	0.0000	12.2559	0.0000
N-G3-O UT	2yr-1hr-10%	0.00	7.38	0.0000	776.04	0.00	0	0.0000	0.0000	1.2049	0.0000
N-G3-O UT	2yr-1hr-90%	0.00	7.38	0.0000	966.29	0.00	0	0.0000	0.0000	1.5771	0.0000
N-G3-O UT	2yr-24hr -10%	0.00	7.38	0.0000	1105.67	0.00	0	0.0000	0.0000	2.4501	0.0000
N-G3-O UT	2yr-24hr -90%	0.00	7.38	0.0000	1460.45	0.00	0	0.0000	0.0000	24.2399	0.0000
N-G3-O UT	2yr-6hr-10%	0.00	7.38	0.0000	1481.93	0.00	0	0.0000	0.0000	1.7304	0.0000
N-G3-O UT	2yr-6hr-90%	0.00	7.38	0.0000	1387.03	0.00	0	0.0000	0.0000	6.2591	0.0000
N-G3-O UT	50-12hr -10%	0.00	7.38	0.0000	4993.01	0.00	0	0.0000	0.0000	2.0308	0.0000
N-G3-O UT	50-12hr -90%	0.00	7.38	0.0000	4208.16	0.00	0	0.0000	0.0000	12.3296	0.0000
N-G3-O UT	50-1hr-10%	0.00	7.38	0.0000	2193.86	0.00	0	0.0000	0.0000	1.1749	0.0000
N-G3-O UT	50-1hr-90%	0.00	7.38	0.0000	2711.89	0.00	0	0.0000	0.0000	1.6274	0.0000
N-G3-O UT	50-24hr -10%	0.00	7.38	0.0000	4508.03	0.00	0	0.0000	0.0000	2.2079	0.0000
N-G3-O UT	50-24hr -90%	0.00	7.38	0.0000	4539.50	0.00	0	0.0000	0.0000	24.3368	0.0000
N-G3-O UT	50-6hr-10%	0.00	7.38	0.0000	5033.35	0.00	0	0.0000	0.0000	1.7794	0.0000
N-G3-O UT	50-6hr-90%	0.00	7.38	0.0000	4115.33	0.00	0	0.0000	0.0000	6.3194	0.0000
N-G3-O UT	5yr-12hr -10%	0.00	7.38	0.0000	2196.38	0.00	0	0.0000	0.0000	2.0764	0.0000
N-G3-O UT	5yr-12hr -90%	0.00	7.38	0.0000	2084.46	0.00	0	0.0000	0.0000	12.2748	0.0000
N-G3-O UT	5yr-1hr-10%	0.00	7.38	0.0000	1151.27	0.00	0	0.0000	0.0000	1.1608	0.0000
N-G3-O UT	5yr-1hr-90%	0.00	7.38	0.0000	1451.16	0.00	0	0.0000	0.0000	1.5441	0.0000
N-G3-O UT	5yr-24hr -10%	0.00	7.38	0.0000	1881.38	0.00	0	0.0000	0.0000	2.2592	0.0000
N-G3-O UT	5yr-24hr -90%	0.00	7.38	0.0000	2219.92	0.00	0	0.0000	0.0000	24.2823	0.0000
N-G3-O	5yr-6hr-	0.00	7.38	0.0000	2355.07	0.00	0	0.0000	0.0000	1.7789	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
UT	10%										
N-G3-O UT	5yr-6hr-90%	0.00	7.38	0.0000	2087.17	0.00	0	0.0000	0.0000	6.2765	0.0000

Node: N-OFF-G1

Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 74.64 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-G 1	100-12hr r-10%	0.00	83.48	0.0003	3780.51	3744.41	364312	1.7032	0.8546	1.5667	1.7080
N-OFF-G 1	100-12hr r-90%	0.00	82.28	0.0010	3061.52	2994.74	363611	12.2619	10.0225	12.1500	12.2644
N-OFF-G 1	100-1hr -10%	0.00	81.20	0.0010	1769.67	1748.24	85452	1.0640	0.8455	0.9832	1.1404
N-OFF-G 1	100-1hr -90%	0.00	82.56	0.0010	2339.37	2556.43	138019	1.4298	1.3054	1.4167	1.4996
N-OFF-G 1	100-24hr r-10%	0.00	82.96	0.0003	3433.77	3411.96	364005	1.8256	0.9166	1.7000	1.8350
N-OFF-G 1	100-24hr r-90%	0.00	82.75	0.0010	3356.52	3283.88	363908	24.2545	21.2471	24.1500	24.2555
N-OFF-G 1	100-6hr -10%	0.00	83.66	0.0007	3901.39	3848.51	368620	1.5437	0.8259	1.3833	1.5873
N-OFF-G 1	100-6hr -90%	0.00	82.20	0.0010	3001.51	2941.52	363546	6.2413	4.8867	6.1333	6.2454
N-OFF-G 1	10yr-12hr-10%	0.00	81.24	0.0010	1863.08	1936.23	85494	1.5176	1.2438	1.7167	1.6221
N-OFF-G 1	10yr-12hr-90%	0.00	80.52	0.0010	1663.30	1698.41	85161	12.0660	11.5236	12.1667	12.1835

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-G 1	10yr-1hr -10%	0.00	78.40	-0.0009	1003.68	993.03	83870	1.0764	1.6480	1.0167	1.0783
N-OFF-G 1	10yr-1hr -90%	0.00	79.17	-0.0010	1329.46	1303.23	84345	1.4910	1.8798	1.4333	1.4927
N-OFF-G 1	10yr-24 hr-10%	0.00	80.61	-0.0010	1603.01	1636.79	85182	1.8668	3.1935	1.9000	2.0181
N-OFF-G 1	10yr-24 hr-90%	0.00	80.43	0.0010	1770.31	1780.84	85165	23.8352	23.0808	24.1500	24.1823
N-OFF-G 1	10yr-6hr -10%	0.00	81.65	-0.0010	2022.34	2131.66	85696	1.3326	2.4476	1.4667	1.4282
N-OFF-G 1	10yr-6hr -90%	0.00	80.68	0.0010	1680.51	1729.29	85231	6.0885	5.6667	6.1500	6.1846
N-OFF-G 1	25yr-12 hr-10%	0.00	82.09	0.0010	2557.51	2561.50	250186	1.2026	0.9922	1.6500	1.7158
N-OFF-G 1	25yr-12 hr-90%	0.00	80.93	0.0010	2181.28	2180.40	85582	12.1810	10.8035	12.1667	12.1967
N-OFF-G 1	25yr-1hr -10%	0.00	79.13	-0.0008	1299.51	1287.23	84341	1.0552	1.5864	1.0000	1.0576
N-OFF-G 1	25yr-1hr -90%	0.00	80.79	0.0010	1721.01	1603.33	85218	1.5426	1.3719	1.4333	1.5256
N-OFF-G 1	25yr-24 hr-10%	0.00	81.73	0.0010	2264.42	2268.71	104592	1.3354	1.2123	1.8000	1.8272
N-OFF-G 1	25yr-24 hr-90%	0.00	81.20	0.0010	2356.28	2346.89	165754	24.1978	22.2730	24.1500	24.2065
N-OFF-G 1	25yr-6hr -10%	0.00	82.39	0.0010	2718.78	2749.74	309204	1.1230	0.9061	1.4333	1.4529
N-OFF-G 1	25yr-6hr -90%	0.00	80.95	0.0010	2179.66	2180.86	85576	6.1565	5.2307	6.1500	6.1802
N-OFF-G 1	2yr-12hr -10%	0.00	78.03	-0.0008	853.28	851.84	83661	1.9734	3.3210	1.9157	1.9764
N-OFF-G 1	2yr-12hr -90%	0.00	78.03	-0.0008	858.82	853.99	83678	12.2287	12.7496	12.1833	12.2297
N-OFF-G 1	2yr-1hr-10%	0.00	77.17	-0.0008	552.16	543.19	83055	1.1302	1.7505	1.0664	1.1312
N-OFF-G 1	2yr-1hr-90%	0.00	77.65	-0.0009	726.38	707.58	83349	1.5124	1.9196	1.4499	1.5144
N-OFF-G 1	2yr-24hr -10%	0.00	77.61	-0.0008	698.77	697.92	83389	2.2953	3.2382	2.2345	2.2998
N-OFF-G 1	2yr-24hr -90%	0.00	78.15	-0.0009	900.50	895.68	83756	24.2147	24.7421	24.1666	24.2157
N-OFF-G 1	2yr-6hr-10%	0.00	78.33	-0.0008	969.90	966.31	83845	1.6341	2.4041	1.5833	1.6363
N-OFF-G 1	2yr-6hr-90%	0.00	78.10	-0.0009	882.78	877.41	83710	6.2259	6.7578	6.1667	6.2269
N-OFF-G 1	50-12hr	0.00	82.55	0.0010	3152.79	3136.84	363720	1.0773	0.8732	1.6000	1.7251

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
1	-10%										
N-OFF-G 1	50-12hr -90%	0.00	81.60	0.0010	2613.25	2582.45	286724	12.2371	10.4285	12.1500	12.2426
N-OFF-G 1	50-1hr-10%	0.00	80.14	0.0010	1531.13	1471.80	84889	1.1061	0.9933	0.9834	1.0921
N-OFF-G 1	50-1hr-90%	0.00	81.96	-0.0010	2026.09	2071.11	85827	1.4929	1.7957	1.4167	1.5473
N-OFF-G 1	50-24hr -10%	0.00	82.24	0.0010	2806.95	2799.29	363392	1.1633	0.9353	1.7500	1.8613
N-OFF-G 1	50-24hr -90%	0.00	81.91	0.0010	2824.30	2770.70	363387	24.2491	21.6901	24.1500	24.2524
N-OFF-G 1	50-6hr-10%	0.00	82.78	0.0010	3293.84	3283.47	363824	1.4716	0.8383	1.4166	1.5032
N-OFF-G 1	50-6hr-90%	0.00	81.57	0.0010	2582.46	2559.54	264260	6.2109	5.0830	6.1333	6.2194
N-OFF-G 1	5yr-12hr -10%	0.00	79.80	0.0010	1393.81	1378.85	84732	1.9449	1.5695	1.7834	1.9114
N-OFF-G 1	5yr-12hr -90%	0.00	79.37	0.0010	1299.97	1269.34	84507	12.2732	11.9569	12.1667	12.2697
N-OFF-G 1	5yr-1hr-10%	0.00	77.87	-0.0008	800.20	790.45	83521	1.0962	1.6903	1.0333	1.0977
N-OFF-G 1	5yr-1hr-90%	0.00	78.51	-0.0009	1058.32	1035.48	83919	1.4987	1.8312	1.4334	1.5004
N-OFF-G 1	5yr-24hr -10%	0.00	78.84	-0.0008	1172.70	1172.01	84201	2.0759	4.9007	2.0171	2.0827
N-OFF-G 1	5yr-24hr -90%	0.00	79.73	-0.0010	1371.51	1352.43	84710	24.2407	24.4783	24.1500	24.2308
N-OFF-G 1	5yr-6hr-10%	0.00	80.42	-0.0010	1543.60	1522.14	85057	1.6337	2.1460	1.5164	1.6600
N-OFF-G 1	5yr-6hr-90%	0.00	79.45	0.0010	1326.09	1291.42	84546	6.2704	5.9608	6.1666	6.2707

Node: N-OFF-S1
 Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 116.37 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-S 1	100-12h r-10%	0.00	122.12	0.0002	2859.85	2858.72	69918	1.2294	0.4268	1.2000	1.2294
N-OFF-S 1	100-12h r-90%	0.00	121.37	0.0010	2244.10	2241.09	64917	12.0942	3.3196	12.0667	12.0943
N-OFF-S 1	100-1hr -10%	0.00	120.47	-0.0009	1599.96	1595.21	58505	0.7042	1.0275	0.6833	0.7043
N-OFF-S 1	100-1hr -90%	0.00	121.70	-0.0010	2521.43	2504.40	66033	1.2634	1.5232	1.2333	1.2634
N-OFF-S 1	100-24h r-10%	0.00	121.79	0.0001	2578.27	2576.83	67715	1.2708	0.4582	1.2500	1.2709
N-OFF-S 1	100-24h r-90%	0.00	121.63	0.0010	2449.09	2445.79	66631	24.0834	3.7893	24.0667	24.0836
N-OFF-S 1	100-6hr -10%	0.00	122.35	0.0003	3058.05	3056.13	71350	1.1237	0.4401	1.1000	1.1237
N-OFF-S 1	100-6hr -90%	0.00	121.33	0.0010	2206.22	2203.89	64621	6.0678	1.5944	6.0500	6.0682
N-OFF-S 1	10yr-12 hr-10%	0.00	120.22	0.0010	1437.29	1436.77	57275	1.3881	0.3677	1.3667	1.3883
N-OFF-S 1	10yr-12 hr-90%	0.00	119.90	0.0010	1242.31	1240.21	55046	12.1007	4.2829	12.0833	12.1010
N-OFF-S 1	10yr-1hr -10%	0.00	119.32	0.0010	922.93	920.70	50814	0.7618	0.3039	0.7333	0.7619
N-OFF-S 1	10yr-1hr -90%	0.00	120.32	-0.0010	1509.37	1495.72	56956	1.2737	1.5161	1.2500	1.2737
N-OFF-S 1	10yr-24 hr-10%	0.00	119.86	0.0010	1215.07	1214.83	54829	1.6368	0.4505	1.6165	1.6374
N-OFF-S 1	10yr-24 hr-90%	0.00	120.01	0.0010	1309.93	1307.67	55814	24.0867	7.9040	24.0667	24.0869
N-OFF-S 1	10yr-6hr -10%	0.00	120.52	0.0010	1628.93	1627.52	59201	1.2088	0.3831	1.1834	1.2089
N-OFF-S 1	10yr-6hr -90%	0.00	119.95	0.0010	1270.23	1268.47	55388	6.0767	2.0192	6.0500	6.0771
N-OFF-S 1	25yr-12 hr-10%	0.00	120.99	0.0010	1953.46	1952.72	62391	1.3069	0.3569	1.2834	1.3071
N-OFF-S 1	25yr-12 hr-90%	0.00	120.49	0.0010	1613.13	1610.78	59053	12.0976	3.8692	12.0667	12.0978
N-OFF-S 1	25yr-1hr -10%	0.00	119.80	0.0010	1184.19	1180.76	54012	0.7323	0.2720	0.7000	0.7323
N-OFF-S 1	25yr-1hr -90%	0.00	120.90	-0.0010	1906.47	1891.70	60857	1.2692	1.4815	1.2500	1.2693
N-OFF-S 1	25yr-24 hr-10%	0.00	120.63	0.0010	1702.52	1701.80	59993	1.3467	0.3680	1.3167	1.3470
N-OFF-S 1	25yr-24 hr-90%	0.00	120.67	0.0010	1730.24	1727.59	60215	24.0850	5.8344	24.0667	24.0853

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-S 1	25yr-6hr -10%	0.00	121.27	0.0010	2160.64	2159.08	64195	1.1709	0.3573	1.1499	1.1711
N-OFF-S 1	25yr-6hr -90%	0.00	120.51	0.0010	1624.56	1622.54	59193	6.0718	1.8333	6.0500	6.0720
N-OFF-S 1	2yr-12hr -10%	0.00	118.82	0.0010	680.19	679.86	47682	1.5689	0.4899	1.5333	1.5693
N-OFF-S 1	2yr-12hr -90%	0.00	118.78	0.0010	664.90	663.31	47382	12.1081	5.3348	12.0833	12.1083
N-OFF-S 1	2yr-1hr -10%	0.00	118.46	0.0010	528.35	527.47	46662	0.8653	0.3379	0.8333	0.8653
N-OFF-S 1	2yr-1hr -90%	0.00	119.21	-0.0010	877.97	868.44	49512	1.2863	1.4913	1.2500	1.2863
N-OFF-S 1	2yr-24hr -10%	0.00	118.51	0.0010	549.47	549.02	46662	1.7683	0.5976	1.7333	1.7688
N-OFF-S 1	2yr-24hr -90%	0.00	118.83	-0.0010	686.01	684.47	47712	24.0936	24.3189	24.0667	24.0940
N-OFF-S 1	2yr-6hr -10%	0.00	119.10	0.0010	813.28	812.43	49567	1.3105	0.5054	1.2834	1.3107
N-OFF-S 1	2yr-6hr -90%	0.00	118.86	-0.0010	698.81	697.38	47913	6.0916	6.3442	6.0667	6.0920
N-OFF-S 1	50-12hr -10%	0.00	121.57	0.0010	2395.05	2394.10	66242	1.2624	0.3260	1.2334	1.2628
N-OFF-S 1	50-12hr -90%	0.00	120.94	0.0010	1922.71	1920.02	62053	12.0956	3.5016	12.0667	12.0961
N-OFF-S 1	50-1hr -10%	0.00	120.14	-0.0010	1389.08	1384.87	56302	0.7171	1.0408	0.6834	0.7171
N-OFF-S 1	50-1hr -90%	0.00	121.31	-0.0010	2210.95	2195.76	63542	1.2668	1.4391	1.2500	1.2669
N-OFF-S 1	50-24hr -10%	0.00	121.20	0.0010	2109.06	2108.05	63779	1.3021	0.3376	1.2832	1.3023
N-OFF-S 1	50-24hr -90%	0.00	121.14	0.0010	2066.39	2063.43	63357	24.0841	4.5427	24.0667	24.0842
N-OFF-S 1	50-6hr -10%	0.00	121.82	0.0010	2597.50	2595.84	67840	1.1461	0.3191	1.1167	1.1461
N-OFF-S 1	50-6hr -90%	0.00	120.93	0.0010	1909.73	1907.54	61960	6.0694	1.6968	6.0500	6.0696
N-OFF-S 1	5yr-12hr -10%	0.00	119.63	0.0010	1087.24	1086.74	53251	1.4535	0.4445	1.4331	1.4538
N-OFF-S 1	5yr-12hr -90%	0.00	119.43	0.0010	982.08	980.19	51868	12.1028	4.6559	12.0833	12.1031
N-OFF-S 1	5yr-1hr -10%	0.00	118.95	0.0010	744.06	742.64	48372	0.7968	0.3374	0.7666	0.7969
N-OFF-S 1	5yr-1hr -90%	0.00	119.86	-0.0010	1229.33	1217.07	53864	1.2784	1.4639	1.2500	1.2784
N-OFF-S 1	5yr-24hr	0.00	119.28	0.0010	904.26	903.79	50921	1.6945	0.4519	1.6666	1.6955

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
1	-10%										
N-OFF-S 1	5yr-24hr -90%	0.00	119.51	0.0010	1024.12	1022.17	52406	24.0888	10.1524	24.0667	24.0891
N-OFF-S 1	5yr-6hr-10%	0.00	119.93	0.0010	1260.29	1259.05	55235	1.2438	0.4221	1.2166	1.2440
N-OFF-S 1	5yr-6hr-90%	0.00	119.50	0.0010	1017.64	1016.15	52343	6.0832	2.3610	6.0666	6.0836

Node: N-OFF-S4
 Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 74.48 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-S 4	100-12hr-10%	0.00	75.78	0.0000	198.42	198.09	38219	1.0414	0.3443	1.0167	1.0414
N-OFF-S 4	100-12hr-90%	0.00	75.66	-0.0003	172.27	171.40	38219	12.0168	12.2386	12.0000	12.0169
N-OFF-S 4	100-1hr-10%	0.00	75.32	-0.0003	102.82	101.55	38219	0.4993	1.0275	0.4666	0.4993
N-OFF-S 4	100-1hr-90%	0.00	75.76	0.0003	203.00	195.50	38219	1.0719	0.8172	1.0333	1.0719
N-OFF-S 4	100-24hr-10%	0.00	75.69	0.0000	178.63	178.08	38219	1.0734	0.3742	1.0333	1.0734
N-OFF-S 4	100-24hr-90%	0.00	75.73	0.0002	187.33	186.94	38219	24.0047	19.7172	24.0000	24.0051
N-OFF-S 4	100-6hr-10%	0.00	75.84	0.0001	213.67	213.22	38219	0.9119	0.3447	0.8667	0.9119
N-OFF-S 4	100-6hr-90%	0.00	75.62	-0.0003	162.16	161.81	38219	6.0049	6.2339	6.0000	6.0060

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-S 4	10yr-12hr-10%	0.00	75.27	0.0003	92.78	92.65	38219	1.2806	0.3674	1.2666	1.2816
N-OFF-S 4	10yr-12hr-90%	0.00	75.26	-0.0003	92.16	91.53	38219	12.0182	12.3196	12.0000	12.0188
N-OFF-S 4	10yr-1hr-10%	0.00	75.02	-0.0004	51.60	51.67	38219	0.4779	1.0489	0.5167	0.4769
N-OFF-S 4	10yr-1hr-90%	0.00	75.33	0.0003	109.75	104.71	38219	1.1038	0.8991	1.0333	1.1038
N-OFF-S 4	10yr-24hr-10%	0.00	75.19	0.0002	78.98	78.69	38219	1.5457	0.4068	1.5166	1.5471
N-OFF-S 4	10yr-24hr-90%	0.00	75.29	-0.0002	97.48	97.16	38219	24.0077	24.3385	24.0000	24.0083
N-OFF-S 4	10yr-6hr-10%	0.00	75.34	0.0003	106.08	105.73	38219	1.0410	0.3816	1.0167	1.0413
N-OFF-S 4	10yr-6hr-90%	0.00	75.25	-0.0004	89.64	89.26	38219	6.0107	6.2938	6.0000	6.0114
N-OFF-S 4	25yr-12hr-10%	0.00	75.46	0.0003	130.01	129.94	38219	1.1708	0.3351	1.1500	1.1712
N-OFF-S 4	25yr-12hr-90%	0.00	75.42	-0.0004	121.85	121.12	38219	12.0175	12.2465	12.0001	12.0183
N-OFF-S 4	25yr-1hr-10%	0.00	75.13	-0.0004	70.78	69.82	38219	0.5312	1.0513	0.4833	0.5313
N-OFF-S 4	25yr-1hr-90%	0.00	75.51	0.0003	145.72	139.48	38219	1.0840	0.8631	1.0333	1.0840
N-OFF-S 4	25yr-24hr-10%	0.00	75.37	0.0003	112.81	112.55	38219	1.5341	0.3678	1.5165	1.5352
N-OFF-S 4	25yr-24hr-90%	0.00	75.47	-0.0004	130.69	130.35	38219	24.0061	24.2471	23.9999	24.0074
N-OFF-S 4	25yr-6hr-10%	0.00	75.54	0.0003	145.43	145.24	38219	1.0194	0.3354	1.0000	1.0197
N-OFF-S 4	25yr-6hr-90%	0.00	75.40	-0.0004	117.05	116.68	38219	6.0074	6.2329	5.9999	6.0088
N-OFF-S 4	2yr-12hr-10%	0.00	74.93	0.0002	39.72	39.64	38219	1.5326	0.5461	1.5164	1.5329
N-OFF-S 4	2yr-12hr-90%	0.00	74.97	-0.0003	46.24	45.76	38219	12.0210	12.2981	12.0002	12.0217
N-OFF-S 4	2yr-1hr-10%	0.00	74.87	0.0002	27.21	29.23	38219	0.7288	0.3129	0.7667	0.8207
N-OFF-S 4	2yr-1hr-90%	0.00	75.02	0.0003	55.46	52.71	38219	1.1316	0.9702	1.0334	1.1317
N-OFF-S 4	2yr-24hr-10%	0.00	74.87	-0.0002	31.87	31.72	38219	2.0444	2.7235	2.0171	2.0471
N-OFF-S 4	2yr-24hr-90%	0.00	74.99	-0.0003	48.24	47.97	38219	24.0146	24.3001	23.9996	24.0154
N-OFF-S 4	2yr-6hr-90%	0.00	74.99	-0.0002	47.57	47.44	38219	1.1945	1.6290	1.1667	1.1949

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
4	10%										
N-OFF-S 4	2yr-6hr-90%	0.00	74.97	-0.0003	45.99	45.62	38219	6.0181	6.2968	6.0001	6.0186
N-OFF-S 4	50-12hr-10%	0.00	75.62	0.0003	163.10	162.78	38219	1.0619	0.3154	1.0333	1.0621
N-OFF-S 4	50-12hr-90%	0.00	75.54	-0.0002	146.61	145.81	38219	12.0171	12.3337	12.0000	12.0174
N-OFF-S 4	50-1hr-10%	0.00	75.22	-0.0004	86.40	85.23	38219	0.5126	1.0408	0.4667	0.5126
N-OFF-S 4	50-1hr-90%	0.00	75.64	0.0003	173.95	167.03	38219	1.0770	0.8336	1.0334	1.0770
N-OFF-S 4	50-24hr-10%	0.00	75.52	0.0003	142.57	142.47	38219	1.1254	0.3323	1.1000	1.1257
N-OFF-S 4	50-24hr-90%	0.00	75.59	-0.0002	157.20	156.84	38219	24.0053	24.2641	24.0000	24.0053
N-OFF-S 4	50-6hr-10%	0.00	75.69	0.0003	178.07	177.99	38219	0.9852	0.3191	0.9500	0.9856
N-OFF-S 4	50-6hr-90%	0.00	75.51	-0.0002	139.16	138.80	38219	6.0060	6.3583	6.0000	6.0068
N-OFF-S 4	5yr-12hr-10%	0.00	75.12	0.0002	67.76	67.56	38219	1.3077	0.4014	1.2667	1.3082
N-OFF-S 4	5yr-12hr-90%	0.00	75.14	-0.0004	71.37	70.81	38219	12.0192	12.3020	11.9997	12.0195
N-OFF-S 4	5yr-1hr-10%	0.00	74.97	-0.0003	39.92	45.22	38219	0.6118	1.0519	0.7334	0.6274
N-OFF-S 4	5yr-1hr-90%	0.00	75.20	0.0003	85.12	81.09	38219	1.1166	0.9257	1.0333	1.1166
N-OFF-S 4	5yr-24hr-10%	0.00	75.05	0.0002	56.55	56.28	38219	1.5626	0.4981	1.5331	1.5638
N-OFF-S 4	5yr-24hr-90%	0.00	75.16	-0.0004	74.88	74.58	38219	24.0098	24.3041	24.0000	24.0104
N-OFF-S 4	5yr-6hr-10%	0.00	75.19	0.0003	79.04	78.68	38219	1.0676	0.3947	1.0333	1.0679
N-OFF-S 4	5yr-6hr-90%	0.00	75.13	-0.0004	70.21	69.84	38219	6.0147	6.3005	6.0000	6.0158

Node: N-S1
 Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 80.45 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S1	100-12h r-10%	0.00	89.58	0.0002	3204.72	3187.49	215937	1.3023	0.5000	1.2109	1.3020
N-S1	100-12h r-90%	0.00	88.56	0.0010	2506.16	2478.24	201898	12.1289	3.4182	12.0663	12.1271
N-S1	100-1hr-10%	0.00	87.20	-0.0010	1784.93	1694.38	183302	0.8396	1.3838	0.6922	0.8436
N-S1	100-1hr-90%	0.00	88.64	-0.0010	2781.95	2528.34	203128	1.3351	1.7710	1.2435	1.3373
N-S1	100-24h r-10%	0.00	89.14	0.0002	2887.75	2868.03	209850	1.3501	0.5264	1.2520	1.3508
N-S1	100-24h r-90%	0.00	88.90	0.0010	2736.29	2705.39	206632	24.1179	4.6604	24.0507	24.1156
N-S1	100-6hr-10%	0.00	89.86	0.0005	3425.36	3395.34	219721	1.1932	0.5025	1.1037	1.1951
N-S1	100-6hr-90%	0.00	88.51	0.0010	2468.74	2445.95	201194	6.0986	1.8350	6.0334	6.0975
N-S1	10yr-12 hr-10%	0.00	87.01	0.0010	1610.13	1598.42	180685	1.4826	0.5201	1.3674	1.4923
N-S1	10yr-12 hr-90%	0.00	86.52	0.0010	1386.29	1364.74	174014	12.1432	4.8004	12.0696	12.1469
N-S1	10yr-1hr-10%	0.00	85.59	0.0010	1032.41	978.80	158901	0.9229	0.3886	0.7511	0.9196
N-S1	10yr-1hr-90%	0.00	86.70	-0.0010	1658.83	1450.37	176689	1.3634	1.5536	1.2541	1.3656
N-S1	10yr-24 hr-10%	0.00	86.50	0.0010	1361.21	1357.32	173759	1.6866	0.4715	1.6033	1.6798
N-S1	10yr-24 hr-90%	0.00	86.68	0.0010	1462.36	1439.66	176228	24.1318	10.1051	24.0547	24.1295
N-S1	10yr-6hr-10%	0.00	87.40	0.0010	1824.06	1797.31	185973	1.3005	0.4684	1.1882	1.3067
N-S1	10yr-6hr-90%	0.00	86.60	0.0010	1419.92	1400.71	175080	6.1200	2.5528	6.0446	6.1158
N-S1	25yr-12 hr-10%	0.00	88.07	-0.0010	2189.34	2174.97	195137	1.3986	4.1880	1.2850	1.3946
N-S1	25yr-12 hr-90%	0.00	87.36	0.0010	1800.92	1776.88	185468	12.1364	4.0766	12.0679	12.1330
N-S1	25yr-1hr	0.00	86.27	0.0010	1322.65	1253.75	170599	0.8864	0.4102	0.7203	0.8908

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	-10%										
N-S1	25yr-1hr-90%	0.00	87.53	-0.0010	2099.59	1869.60	187987	1.3504	1.6325	1.2500	1.3489
N-S1	25yr-24hr-10%	0.00	87.58	-0.0010	1907.39	1895.43	188437	1.4871	7.3796	1.3274	1.4987
N-S1	25yr-24hr-90%	0.00	87.60	-0.0010	1932.38	1906.51	188751	24.1250	24.7143	24.0524	24.1227
N-S1	25yr-6hr-10%	0.00	88.42	0.0010	2419.82	2391.39	199999	1.2501	0.4057	1.1509	1.2482
N-S1	25yr-6hr-90%	0.00	87.39	0.0010	1816.88	1796.37	185961	6.1095	2.2160	6.0388	6.1142
N-S1	2yr-12hr-10%	0.00	84.95	-0.0010	762.06	754.05	146341	1.7009	2.2142	1.5400	1.7105
N-S1	2yr-12hr-90%	0.00	84.86	0.0010	740.97	724.96	144593	12.1608	5.5549	12.0817	12.1658
N-S1	2yr-1hr-10%	0.00	84.29	-0.0010	591.76	557.08	133434	0.9965	1.2930	0.8387	0.9928
N-S1	2yr-1hr-90%	0.00	85.11	0.0010	961.14	806.79	149605	1.3916	1.0930	1.2669	1.3903
N-S1	2yr-24hr-10%	0.00	84.47	0.0010	614.97	608.21	136985	1.9015	0.7035	1.7495	1.9174
N-S1	2yr-24hr-90%	0.00	84.93	0.0010	765.01	748.96	146061	24.1482	13.9582	24.0643	24.1537
N-S1	2yr-6hr-10%	0.00	85.35	0.0010	910.24	890.24	154171	1.4281	0.5517	1.2891	1.4241
N-S1	2yr-6hr-90%	0.00	84.98	0.0010	779.83	763.97	146962	6.1461	3.3698	6.0579	6.1511
N-S1	50-12hr-10%	0.00	88.85	0.0010	2684.16	2667.94	205834	1.3440	0.3476	1.2460	1.3503
N-S1	50-12hr-90%	0.00	87.98	-0.0010	2146.93	2120.91	193916	12.1324	12.6837	12.0667	12.1290
N-S1	50-1hr-10%	0.00	86.75	-0.0010	1550.34	1470.25	177109	0.8616	1.2617	0.7048	0.8583
N-S1	50-1hr-90%	0.00	88.10	-0.0010	2438.11	2195.45	195802	1.3423	1.7809	1.2471	1.3443
N-S1	50-24hr-10%	0.00	88.35	0.0010	2362.51	2345.55	198982	1.4017	0.4183	1.2828	1.4116
N-S1	50-24hr-90%	0.00	88.24	0.0010	2308.28	2280.03	197558	24.1211	6.5596	24.0508	24.1186
N-S1	50-6hr-10%	0.00	89.16	0.0009	2909.36	2880.00	210094	1.2200	0.3281	1.1253	1.2244
N-S1	50-6hr-90%	0.00	87.97	0.0010	2136.45	2114.83	193764	6.1035	1.7644	6.0334	6.1008
N-S1	5yr-12hr-10%	0.00	86.16	0.0010	1217.87	1207.00	169088	1.5592	0.6057	1.4362	1.5695

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S1	5yr-12hr-90%	0.00	85.84	0.0010	1095.40	1076.02	163793	12.1497	4.9892	12.0724	12.1538
N-S1	5yr-1hr-10%	0.00	85.06	-0.0010	833.38	789.44	148478	0.9524	1.3804	0.7836	0.9493
N-S1	5yr-1hr-90%	0.00	86.05	-0.0010	1348.79	1160.91	167759	1.3743	1.7737	1.2582	1.3738
N-S1	5yr-24hr-10%	0.00	85.66	0.0010	1012.35	1005.89	160265	1.7658	0.6231	1.6713	1.7760
N-S1	5yr-24hr-90%	0.00	85.96	0.0010	1142.86	1122.72	166050	24.1380	11.5742	24.0554	24.1344
N-S1	5yr-6hr-10%	0.00	86.57	0.0010	1410.90	1386.50	174643	1.3484	0.5271	1.2230	1.3469
N-S1	5yr-6hr-90%	0.00	85.95	0.0010	1137.15	1119.02	165870	6.1296	3.0874	6.0502	6.1354

Node: N-S2-DS
 Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 66.44 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S2-DS	100-12hr-10%	0.00	72.76	-0.3045	531.29	33834.31	3298	1.4993	0.8213	0.8213	0.8213
N-S2-DS	100-12hr-90%	0.00	72.43	-0.0964	360.43	5405.74	3209	12.0932	10.5915	10.5642	10.7382
N-S2-DS	100-1hr-10%	0.00	70.34	0.0058	155.33	154.34	2681	0.9971	0.0000	0.8888	0.9004
N-S2-DS	100-1hr-90%	0.00	70.85	-0.3128	486.64	7929.26	2794	1.4110	1.4150	1.4150	1.4858
N-S2-DS	100-24hr	0.00	72.49	-0.4612	550.76	23666.6	3225	1.6513	0.9037	0.9037	0.8958

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	r-10%					1					
N-S2-DS	100-24hr r-90%	0.00	72.73	-0.1693	385.92	4963.92	3288	24.0824	22.1320	24.0840	22.0061
N-S2-DS	100-6hr -10%	0.00	72.84	-0.1122	401.91	2953.43	3317	1.3051	0.8096	1.2834	0.7788
N-S2-DS	100-6hr -90%	0.00	72.28	-0.1640	400.50	9378.63	3171	6.0844	4.9951	4.9951	4.9950
N-S2-DS	10yr-12 hr-10%	0.00	70.75	-0.1443	375.70	8290.66	2770	1.8362	1.7121	1.7121	1.7120
N-S2-DS	10yr-12 hr-90%	0.00	70.74	-0.1378	344.72	4388.42	2768	12.1160	12.1160	12.1161	12.1095
N-S2-DS	10yr-1hr -10%	0.00	69.20	0.0058	112.73	78.05	2454	1.0830	0.0000	0.0000	0.9674
N-S2-DS	10yr-1hr -90%	0.00	69.46	0.0058	120.69	119.03	2525	1.4504	0.0000	1.3009	1.3171
N-S2-DS	10yr-24 hr-10%	0.00	70.46	0.0058	150.23	182.09	2693	2.0814	0.0000	1.8416	2.1974
N-S2-DS	10yr-24 hr-90%	0.00	70.99	-0.0874	343.10	5042.21	2828	24.1110	23.9365	24.1584	24.1583
N-S2-DS	10yr-6hr -10%	0.00	70.89	-0.1219	377.41	7087.12	2804	1.5208	1.3255	1.3256	1.3255
N-S2-DS	10yr-6hr -90%	0.00	70.66	0.0058	172.33	264.10	2747	6.1331	0.0000	6.0937	6.0976
N-S2-DS	25yr-12 hr-10%	0.00	71.61	-0.1028	388.03	6043.65	2993	1.6867	1.1967	1.1968	1.1967
N-S2-DS	25yr-12 hr-90%	0.00	71.48	-0.0872	351.62	5096.21	2958	12.1099	11.5797	11.3624	11.5797
N-S2-DS	25yr-1hr -10%	0.00	69.68	0.0058	112.73	106.79	2568	1.0522	0.0000	0.0000	0.9343
N-S2-DS	25yr-1hr -90%	0.00	70.03	0.0058	176.59	170.56	2664	1.4323	0.0000	1.3413	1.3417
N-S2-DS	25yr-24 hr-10%	0.00	71.32	-0.0965	355.40	4969.04	2917	1.8782	2.8385	1.3636	1.3635
N-S2-DS	25yr-24 hr-90%	0.00	71.71	-0.0893	348.40	5215.47	3020	24.1004	23.2426	23.1427	23.2426
N-S2-DS	25yr-6hr -10%	0.00	71.71	-0.1012	395.72	5985.76	3019	1.4390	1.0662	1.0663	1.0662
N-S2-DS	25yr-6hr -90%	0.00	71.39	-0.0909	356.32	5311.03	2933	6.1040	5.7243	5.6609	5.7243
N-S2-DS	2yr-12hr -10%	0.00	69.24	0.0058	112.73	70.77	2465	2.1618	0.0000	0.0000	1.9517
N-S2-DS	2yr-12hr -90%	0.00	69.43	0.0058	112.73	83.74	2510	12.1480	0.0000	0.0000	12.1188
N-S2-DS	2yr-1hr-10%	0.00	68.73	0.0058	112.73	36.78	2339	0.0165	0.0000	0.0000	1.0176

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S2-DS	2yr-1hr-90%	0.00	68.73	0.0058	112.73	53.71	2339	0.0165	0.0000	0.0000	1.3236
N-S2-DS	2yr-24hr -10%	0.00	69.00	0.0058	112.73	57.86	2406	2.6367	0.0000	0.0000	2.2862
N-S2-DS	2yr-24hr -90%	0.00	69.56	0.0058	112.73	91.03	2541	24.1334	0.0000	0.0000	24.1116
N-S2-DS	2yr-6hr-10%	0.00	69.33	0.0058	112.73	79.09	2485	1.7322	0.0000	0.0000	1.5345
N-S2-DS	2yr-6hr-90%	0.00	69.35	0.0058	112.73	81.02	2492	6.1645	0.0000	0.0000	6.1182
N-S2-DS	50-12hr -10%	0.00	72.21	-0.1070	398.78	6020.30	3151	1.5965	0.9893	0.9965	0.9964
N-S2-DS	50-12hr -90%	0.00	71.97	-0.4195	512.26	7490.36	3087	12.1010	11.0660	11.0661	11.0660
N-S2-DS	50-1hr-10%	0.00	70.02	0.0058	130.89	129.98	2656	1.0240	0.0000	0.9006	0.9174
N-S2-DS	50-1hr-90%	0.00	70.43	0.0058	317.50	230.89	2686	1.4216	0.0000	1.2303	1.2308
N-S2-DS	50-24hr -10%	0.00	71.90	-0.1176	386.24	5452.08	3068	1.7579	3.4402	1.0981	3.6931
N-S2-DS	50-24hr -90%	0.00	72.22	-0.4563	511.94	8075.30	3153	24.0907	22.4678	22.4679	22.4678
N-S2-DS	50-6hr-10%	0.00	72.29	-0.1006	407.10	6015.29	3172	1.3757	0.9232	0.9232	0.9232
N-S2-DS	50-6hr-90%	0.00	71.84	-0.0932	363.00	5452.18	3055	6.0952	5.3979	5.3980	5.3979
N-S2-DS	5yr-12hr -10%	0.00	70.12	0.0058	126.06	135.78	2664	1.9782	0.0000	1.7506	1.8994
N-S2-DS	5yr-12hr -90%	0.00	70.21	0.0058	135.38	135.53	2679	12.1280	0.0000	12.1005	12.1306
N-S2-DS	5yr-1hr-10%	0.00	68.82	0.0058	112.73	58.98	2358	1.1082	0.0000	0.0000	0.9848
N-S2-DS	5yr-1hr-90%	0.00	69.01	0.0058	112.73	88.72	2410	1.4640	0.0000	0.0000	1.3181
N-S2-DS	5yr-24hr -10%	0.00	69.85	0.0058	112.73	110.17	2607	2.2731	0.0000	0.0000	2.1804
N-S2-DS	5yr-24hr -90%	0.00	70.36	0.0058	147.03	147.44	2680	24.1193	0.0000	24.0995	24.1194
N-S2-DS	5yr-6hr-10%	0.00	70.23	0.0058	138.68	140.09	2684	1.6121	0.0000	1.4333	1.6121
N-S2-DS	5yr-6hr-90%	0.00	70.14	0.0058	131.23	131.01	2668	6.1296	0.0000	6.1004	6.1169

Node: N-S2-UP	
Scenario:	EC
Type:	Stage/Area
Base Flow:	0.00 cfs
Initial Stage:	66.99 ft
Warning Stage:	0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S2-UP	100-12hr-10%	0.00	76.63	-0.0195	389.11	389.11	113	1.4833	3.2005	1.4667	1.4676
N-S2-UP	100-12hr-r-90%	0.00	75.50	-0.0139	346.67	346.68	113	12.0940	12.6565	12.1000	12.1002
N-S2-UP	100-1hr-10%	0.00	70.83	0.0103	155.41	155.33	113	0.9508	0.0110	0.8834	0.8888
N-S2-UP	100-1hr-90%	0.00	72.80	-0.0902	243.04	296.67	113	1.1694	1.1694	1.3000	1.1694
N-S2-UP	100-24hr-r-10%	0.00	75.65	-0.0140	351.56	351.56	113	1.6680	3.9010	1.6833	1.6836
N-S2-UP	100-24hr-r-90%	0.00	76.54	-0.0217	385.92	385.92	113	24.0835	22.1320	24.0833	24.0840
N-S2-UP	100-6hr-10%	0.00	76.97	0.0133	401.91	401.91	113	1.2841	2.5261	1.2833	1.2834
N-S2-UP	100-6hr-90%	0.00	75.04	-0.0218	328.29	328.29	113	6.0834	6.5261	6.0833	6.0828
N-S2-UP	10yr-12hr-10%	0.00	71.52	-0.0184	175.84	196.47	113	1.7771	1.7121	1.6833	1.7121
N-S2-UP	10yr-12hr-90%	0.00	71.55	-0.0183	178.62	207.97	113	12.1141	12.1160	12.1000	12.1160
N-S2-UP	10yr-1hr-10%	0.00	69.68	0.0103	78.74	78.74	113	0.9504	0.0110	0.9500	0.9506
N-S2-UP	10yr-1hr-90%	0.00	70.30	0.0103	120.69	120.69	113	1.3008	0.0110	1.3000	1.3009
N-S2-UP	10yr-24hr-10%	0.00	71.03	0.0103	150.03	150.23	113	2.0933	0.0110	1.8334	1.8416
N-S2-UP	10yr-24hr-90%	0.00	71.95	-0.0128	194.93	208.96	113	24.1017	24.4454	24.0834	24.1275
N-S2-UP	10yr-6hr-10%	0.00	71.77	-0.0146	190.17	209.94	113	1.4797	1.5291	1.3833	1.5291
N-S2-UP	10yr-6hr-90%	0.00	71.42	0.0113	172.18	172.33	113	6.1117	6.3655	6.0834	6.0937

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S2-UP	-90%										
N-S2-UP	25yr-12hr-10%	0.00	73.22	-0.0133	251.66	251.65	113	1.6335	2.5832	1.5666	1.5672
N-S2-UP	25yr-12hr-90%	0.00	72.96	-0.0139	240.76	240.76	113	12.1004	12.5420	12.1000	12.1002
N-S2-UP	25yr-1hr-10%	0.00	70.13	0.0103	107.60	107.60	113	0.9333	0.0110	0.9332	0.9333
N-S2-UP	25yr-1hr-90%	0.00	71.00	-0.0111	167.01	176.59	113	1.3003	1.3417	1.3000	1.3413
N-S2-UP	25yr-24hr-10%	0.00	72.58	-0.0140	222.04	234.22	113	1.7992	1.4345	1.7500	1.4345
N-S2-UP	25yr-24hr-90%	0.00	73.52	-0.0141	265.52	265.52	113	24.0923	24.5681	24.0833	24.0837
N-S2-UP	25yr-6hr-10%	0.00	73.52	-0.0130	267.17	267.15	113	1.3834	2.0328	1.3334	1.3340
N-S2-UP	25yr-6hr-90%	0.00	72.75	-0.0131	230.83	230.82	113	6.0975	6.5238	6.0833	6.0838
N-S2-UP	2yr-12hr-10%	0.00	69.54	0.0103	71.03	71.03	113	1.9172	0.0110	1.9172	1.9187
N-S2-UP	2yr-12hr-90%	0.00	69.77	0.0103	83.92	83.92	113	12.1168	0.0110	12.1167	12.1173
N-S2-UP	2yr-1hr-10%	0.00	68.81	0.0103	37.11	37.11	113	1.0010	0.0110	1.0001	1.0012
N-S2-UP	2yr-1hr-90%	0.00	69.21	0.0103	54.48	54.47	113	1.3175	0.0110	1.3167	1.3176
N-S2-UP	2yr-24hr-10%	0.00	69.28	0.0103	58.05	58.05	113	2.2670	0.0110	2.2670	2.2670
N-S2-UP	2yr-24hr-90%	0.00	69.89	0.0103	91.21	91.21	113	24.1002	0.0110	24.1000	24.1006
N-S2-UP	2yr-6hr-10%	0.00	69.69	0.0103	79.65	79.65	113	1.5167	0.0110	1.5167	1.5173
N-S2-UP	2yr-6hr-90%	0.00	69.72	0.0103	81.30	81.30	113	6.1169	0.0110	6.1167	6.1170
N-S2-UP	50-12hr-10%	0.00	74.79	-0.0126	318.12	318.11	113	1.5485	2.9171	1.5166	1.5171
N-S2-UP	50-12hr-90%	0.00	74.16	-0.0398	292.74	292.74	113	12.1001	11.0661	12.1000	12.1001
N-S2-UP	50-1hr-10%	0.00	70.41	0.0103	130.89	130.89	113	0.9004	0.0110	0.9001	0.9006
N-S2-UP	50-1hr-90%	0.00	73.19	-0.1108	204.18	317.50	113	1.2303	1.2303	1.3000	1.2303
N-S2-UP	50-24hr-10%	0.00	73.93	-0.0170	281.95	281.95	113	1.7325	3.4402	1.7167	1.7171
N-S2-UP	50-24hr-90%	0.00	74.87	-0.0365	321.90	321.89	113	24.0839	22.4679	24.0833	24.0835

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S2-UP	50-6hr-10%	0.00	75.10	-0.0130	332.17	332.15	113	1.3335	2.2020	1.3000	1.3007
N-S2-UP	50-6hr-90%	0.00	73.83	-0.0147	278.51	278.50	113	6.0838	6.5839	6.0833	6.0836
N-S2-UP	5yr-12hr-10%	0.00	70.36	0.0103	126.06	126.06	113	1.7506	0.0110	1.7502	1.7506
N-S2-UP	5yr-12hr-90%	0.00	70.46	0.0103	135.38	135.38	113	12.1001	0.0110	12.1000	12.1005
N-S2-UP	5yr-1hr-10%	0.00	69.31	0.0103	59.53	59.53	113	0.9674	0.0110	0.9667	0.9679
N-S2-UP	5yr-1hr-90%	0.00	69.87	0.0103	90.03	90.02	113	1.3168	0.0110	1.3167	1.3169
N-S2-UP	5yr-24hr-10%	0.00	70.10	0.0103	105.47	105.47	113	2.1635	0.0110	2.1676	2.1662
N-S2-UP	5yr-24hr-90%	0.00	70.77	0.0103	147.05	147.03	113	24.1056	0.0110	24.0834	24.0995
N-S2-UP	5yr-6hr-10%	0.00	70.49	0.0103	138.68	138.68	113	1.4333	0.0110	1.4333	1.4333
N-S2-UP	5yr-6hr-90%	0.00	70.41	0.0103	131.23	131.23	113	6.1001	0.0110	6.1000	6.1004

Node: N-S3-DS

Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 68.90 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-DS	100-12hr-10%	0.00	72.67	0.0139	33917.43	471.17	63414	1.5013	0.8213	0.8213	0.8213
N-S3-DS	100-12hr	0.00	72.33	0.0044	5456.00	415.36	63431	12.0903	10.5915	10.7382	12.0928

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	r-90%										
N-S3-DS	100-1hr-10%	0.00	70.33	-0.0007	200.29	178.05	58514	1.0015	0.0648	0.7018	0.0000
N-S3-DS	100-1hr-90%	0.00	70.83	0.0140	7931.18	466.13	60542	1.4150	1.4150	1.4858	1.4150
N-S3-DS	100-24hr-10%	0.00	72.40	0.0236	23740.19	503.31	63420	1.6495	0.9037	0.8958	0.9037
N-S3-DS	100-24hr-90%	0.00	72.63	0.0077	5008.13	462.85	63433	24.0795	22.1320	22.0061	24.0817
N-S3-DS	100-6hr-10%	0.00	72.74	0.0054	3039.71	481.13	63425	1.3062	0.8096	0.7788	1.3057
N-S3-DS	100-6hr-90%	0.00	72.19	0.0075	9430.35	402.84	63439	6.0845	4.9951	4.9950	4.9951
N-S3-DS	10yr-12hr-10%	0.00	70.74	0.0066	8327.64	391.70	60368	1.8138	1.7121	1.7120	1.7121
N-S3-DS	10yr-12hr-90%	0.00	70.74	0.0062	4421.93	366.87	60314	12.1160	12.1160	12.1095	12.1161
N-S3-DS	10yr-1hr-10%	0.00	69.16	-0.0007	95.96	178.05	53589	1.0963	0.0852	0.8677	0.0000
N-S3-DS	10yr-1hr-90%	0.00	69.42	-0.0010	132.43	178.05	54606	1.4637	0.2627	1.2050	0.0000
N-S3-DS	10yr-24hr-10%	0.00	70.45	-0.0010	213.91	180.89	59130	2.1137	0.1395	2.0187	2.1184
N-S3-DS	10yr-24hr-90%	0.00	70.92	0.0040	5065.16	367.32	61105	24.1056	23.9365	24.1583	24.1584
N-S3-DS	10yr-6hr-10%	0.00	70.85	0.0056	7128.78	381.21	60804	1.5100	1.3255	1.3255	1.3256
N-S3-DS	10yr-6hr-90%	0.00	70.66	-0.0010	298.89	201.70	59988	6.1312	0.9117	6.0712	6.1313
N-S3-DS	25yr-12hr-10%	0.00	71.52	0.0048	6101.67	387.17	63417	1.6860	1.1967	1.1967	1.1968
N-S3-DS	25yr-12hr-90%	0.00	71.39	0.0041	5144.42	368.12	63152	12.1098	11.5797	11.5797	11.3624
N-S3-DS	25yr-1hr-10%	0.00	69.65	-0.0007	131.29	178.05	55654	1.0545	0.0769	0.8506	0.0000
N-S3-DS	25yr-1hr-90%	0.00	70.01	-0.0010	182.78	178.05	57084	1.4387	0.2627	1.2266	0.0000
N-S3-DS	25yr-24hr-10%	0.00	71.24	0.0044	5018.51	365.80	62543	1.8933	2.8385	1.3635	1.3636
N-S3-DS	25yr-24hr-90%	0.00	71.62	0.0042	5263.93	369.48	63429	24.1005	23.2426	23.2426	23.1427
N-S3-DS	25yr-6hr-10%	0.00	71.62	0.0048	6050.35	384.28	63401	1.4455	1.0662	1.0662	1.0663
N-S3-DS	25yr-6hr-90%	0.00	71.30	0.0042	5361.82	372.68	62750	6.1057	5.7243	5.7243	5.6609

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-DS	2yr-12hr-10%	0.00	69.21	-0.0010	87.02	178.05	53863	2.1678	0.1395	1.8355	0.0000
N-S3-DS	2yr-12hr-90%	0.00	69.40	-0.0010	103.09	178.05	54615	12.1511	0.9117	12.0507	0.0000
N-S3-DS	2yr-1hr-10%	0.00	68.90	-0.0008	45.12	178.05	52444	0.0000	0.0961	0.9020	0.0000
N-S3-DS	2yr-1hr-90%	0.00	68.90	-0.0010	60.50	178.05	52444	0.0000	0.2627	1.1386	0.0000
N-S3-DS	2yr-24hr-10%	0.00	68.97	-0.0010	70.85	178.05	52863	2.6469	0.2627	2.2524	0.0000
N-S3-DS	2yr-24hr-90%	0.00	69.54	-0.0010	111.47	178.05	55199	24.1348	0.9117	24.0485	0.0000
N-S3-DS	2yr-6hr-10%	0.00	69.30	-0.0010	96.84	178.05	54206	1.7382	0.1395	1.4510	0.0000
N-S3-DS	2yr-6hr-90%	0.00	69.32	-0.0010	100.06	178.05	54281	6.1673	0.9117	6.0506	0.0000
N-S3-DS	50-12hr-10%	0.00	72.12	0.0051	6093.79	382.32	63415	1.5946	0.9893	0.9964	1.6017
N-S3-DS	50-12hr-90%	0.00	71.88	0.0187	7537.84	508.77	63428	12.1005	11.0660	11.0660	11.0661
N-S3-DS	50-1hr-10%	0.00	70.00	-0.0007	178.44	178.05	57117	1.0257	0.0688	0.8106	0.0000
N-S3-DS	50-1hr-90%	0.00	70.42	-0.0010	259.46	178.56	58831	1.4231	0.2627	1.2308	1.4232
N-S3-DS	50-24hr-10%	0.00	71.81	0.0054	5481.68	379.84	63416	1.7630	3.4402	3.6931	3.6931
N-S3-DS	50-24hr-90%	0.00	72.12	0.0203	8118.47	506.22	63431	24.0896	22.4678	22.4678	22.4679
N-S3-DS	50-6hr-10%	0.00	72.20	0.0048	6096.84	394.30	63402	1.3757	0.9232	0.9232	1.3748
N-S3-DS	50-6hr-90%	0.00	71.75	0.0044	5506.46	376.46	63431	6.0957	5.3979	5.3979	5.3980
N-S3-DS	5yr-12hr-10%	0.00	70.11	-0.0010	161.80	178.05	57666	1.9355	0.1395	1.8994	0.0000
N-S3-DS	5yr-12hr-90%	0.00	70.20	-0.0010	165.63	178.05	58002	12.1272	0.9117	12.0687	0.0000
N-S3-DS	5yr-1hr-10%	0.00	68.90	-0.0008	72.49	178.05	52444	0.0000	0.0961	0.8844	0.0000
N-S3-DS	5yr-1hr-90%	0.00	68.96	-0.0010	99.09	178.05	52685	1.4860	0.2627	1.1842	0.0000
N-S3-DS	5yr-24hr-10%	0.00	69.83	-0.0010	132.67	178.05	56481	2.2559	0.1395	2.1804	0.0000
N-S3-DS	5yr-24hr-90%	0.00	70.35	-0.0010	178.96	178.05	58674	24.1163	0.9117	24.0365	0.0000
N-S3-DS	5yr-6hr-10%	0.00	70.22	-0.0010	179.59	178.05	58114	1.5980	0.1395	1.1872	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-DS	10%										
N-S3-DS	5yr-6hr-90%	0.00	70.13	-0.0010	161.18	178.05	57727	6.1313	0.9117	6.0536	0.0000

Node: N-S3-UP

Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 69.72 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-UP	100-12hr-10%	0.00	87.73	-0.0210	90.04	133.36	113	0.8213	0.6770	1.0500	0.8213
N-S3-UP	100-12hr-90%	0.00	78.19	-0.0238	78.99	78.93	113	12.0169	10.5547	12.0000	12.0065
N-S3-UP	100-1hr-10%	0.00	77.51	-0.0201	52.61	61.97	113	0.4061	0.7018	0.4000	0.7018
N-S3-UP	100-1hr-90%	0.00	104.46	-0.0546	119.04	140.27	113	1.0787	1.1505	1.0667	1.1504
N-S3-UP	100-24hr-10%	0.00	84.70	-0.0186	82.33	120.39	113	0.9017	0.9020	1.0500	0.9018
N-S3-UP	100-24hr-90%	0.00	79.46	-0.0228	85.19	85.14	113	24.0030	21.8983	24.0000	24.0011
N-S3-UP	100-6hr-10%	0.00	90.65	-0.0458	98.02	143.85	113	0.7844	0.6525	0.8833	0.7845
N-S3-UP	100-6hr-90%	0.00	77.59	-0.0272	73.53	83.97	113	5.0295	5.0298	6.0000	5.0298
N-S3-UP	10yr-12hr-10%	0.00	75.03	-0.0215	41.84	66.18	113	1.0950	1.0951	1.1000	1.0951
N-S3-UP	10yr-12hr-90%	0.00	75.10	0.0095	42.21	42.17	113	12.0173	11.9764	12.0000	12.0173

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-UP	10yr-1hr-10%	0.00	71.50	0.0010	25.66	25.65	113	0.4337	0.2358	0.4333	0.4338
N-S3-UP	10yr-1hr-90%	0.00	81.41	-0.0051	66.51	65.92	113	1.0769	1.2050	1.0667	1.0770
N-S3-UP	10yr-24hr-10%	0.00	73.68	-0.0173	35.84	53.45	113	1.0889	1.2845	1.5500	1.2844
N-S3-UP	10yr-24hr-90%	0.00	75.46	-0.0223	44.28	69.41	113	23.8904	23.8935	24.0000	23.8935
N-S3-UP	10yr-6hr-10%	0.00	76.44	-0.0249	48.21	76.27	113	0.9431	0.9743	0.9334	0.9743
N-S3-UP	10yr-6hr-90%	0.00	73.66	-0.0056	40.62	40.61	113	6.0907	5.3017	6.0000	6.0015
N-S3-UP	25yr-12hr-10%	0.00	79.28	-0.0307	59.35	93.78	113	1.1163	1.1167	1.0667	1.1167
N-S3-UP	25yr-12hr-90%	0.00	75.79	-0.0235	55.84	72.15	113	11.4006	11.4007	12.0001	11.4006
N-S3-UP	25yr-1hr-10%	0.00	73.86	0.0026	35.73	35.69	113	0.4201	0.3677	0.4167	0.4203
N-S3-UP	25yr-1hr-90%	0.00	88.89	0.0051	86.97	85.93	113	1.0774	0.9194	1.0667	1.0774
N-S3-UP	25yr-24hr-10%	0.00	76.83	-0.0256	51.85	78.99	113	0.9781	0.9782	1.0668	0.9782
N-S3-UP	25yr-24hr-90%	0.00	75.18	-0.0216	59.40	67.35	113	23.0102	23.0111	23.9999	23.0111
N-S3-UP	25yr-6hr-10%	0.00	81.10	-0.0336	66.59	103.60	113	0.8080	1.0057	0.9167	1.0057
N-S3-UP	25yr-6hr-90%	0.00	76.52	-0.0253	53.06	77.26	113	5.5814	5.5815	5.9999	5.5815
N-S3-UP	2yr-12hr-10%	0.00	71.24	0.0010	17.81	17.81	113	1.3351	0.4196	1.3334	1.3353
N-S3-UP	2yr-12hr-90%	0.00	71.37	-0.0010	21.13	21.13	113	12.0164	12.2155	12.0164	12.0164
N-S3-UP	2yr-1hr-10%	0.00	70.99	-0.0010	12.51	12.51	113	0.7838	1.2164	0.7833	0.7839
N-S3-UP	2yr-1hr-90%	0.00	73.70	-0.0038	34.89	34.78	113	1.0835	1.1386	1.0667	1.0836
N-S3-UP	2yr-24hr-10%	0.00	71.09	0.0010	14.41	14.40	113	1.5678	0.4538	1.5667	1.5682
N-S3-UP	2yr-24hr-90%	0.00	71.39	-0.0010	21.86	21.86	113	24.0004	24.2304	23.9996	24.0004
N-S3-UP	2yr-6hr-10%	0.00	71.38	0.0010	21.57	21.57	113	1.0838	0.4340	1.0833	1.0839
N-S3-UP	2yr-6hr-90%	0.00	71.36	-0.0010	20.80	20.80	113	6.0013	6.2495	6.0001	6.0013
N-S3-UP	50-12hr	0.00	83.29	-0.0362	74.32	114.07	113	0.9393	0.9394	1.0666	0.9394

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-UP	50-12hr-90%	0.00	76.10	-0.0239	67.21	73.34	113	12.0171	10.9426	12.0000	10.9425
N-S3-UP	50-1hr-10%	0.00	75.45	-0.0171	43.90	52.55	113	0.4151	0.8106	0.4000	0.8106
N-S3-UP	50-1hr-90%	0.00	96.02	-0.0265	102.84	101.38	113	1.0780	1.2001	1.0667	1.0780
N-S3-UP	50-24hr-10%	0.00	81.24	-0.0336	66.01	103.96	113	1.0590	1.0592	1.0667	1.0592
N-S3-UP	50-24hr-90%	0.00	76.91	-0.0225	71.47	71.43	113	24.0036	22.4380	24.0000	24.0009
N-S3-UP	50-6hr-10%	0.00	85.82	-0.0399	81.86	125.15	113	0.8759	0.7205	0.9000	0.8760
N-S3-UP	50-6hr-90%	0.00	77.17	-0.0265	63.09	81.40	113	5.2774	5.2778	6.0000	5.2777
N-S3-UP	5yr-12hr-10%	0.00	71.59	0.0010	30.63	30.63	113	1.3168	0.4014	1.3166	1.3170
N-S3-UP	5yr-12hr-90%	0.00	71.80	-0.0010	32.66	32.66	113	12.0034	12.2446	12.0003	12.0046
N-S3-UP	5yr-1hr-10%	0.00	71.29	-0.0010	19.07	19.07	113	0.4505	1.1765	0.4500	0.4507
N-S3-UP	5yr-1hr-90%	0.00	77.37	-0.0048	52.31	51.97	113	1.0771	1.1842	1.0667	1.0772
N-S3-UP	5yr-24hr-10%	0.00	71.50	-0.0010	25.73	25.73	113	1.5507	7.2160	1.5502	1.5511
N-S3-UP	5yr-24hr-90%	0.00	71.89	-0.0010	33.99	33.98	113	24.0008	24.1867	24.0000	24.0011
N-S3-UP	5yr-6hr-10%	0.00	73.88	-0.0177	35.86	54.47	113	1.0401	1.1872	1.0334	1.1872
N-S3-UP	5yr-6hr-90%	0.00	71.75	0.0010	31.80	31.80	113	6.0015	5.9119	6.0000	6.0020

Node: N-S5-DS

Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 66.63 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S5-DS	100-12h r-10%	0.00	69.07	0.0002	728.04	547.76	56806	1.5366	1.2886	1.2885	1.5366
N-S5-DS	100-12h r-90%	0.00	68.81	-0.0005	487.39	481.48	55397	12.0552	0.2627	12.0219	12.0582
N-S5-DS	100-1hr -10%	0.00	67.37	-0.0003	189.86	184.65	47693	0.9617	0.0648	0.8683	0.9618
N-S5-DS	100-1hr -90%	0.00	67.53	-0.0005	221.83	211.29	48965	1.4787	0.2627	1.4150	1.4787
N-S5-DS	100-24h r-10%	0.00	68.87	0.0001	500.04	497.36	55716	1.6085	0.9037	1.5509	1.6085
N-S5-DS	100-24h r-90%	0.00	69.03	-0.0005	720.05	535.52	56575	24.0454	0.2627	23.9603	24.0461
N-S5-DS	100-6hr -10%	0.00	69.10	0.0004	734.48	555.43	57001	1.3289	1.1552	1.1552	1.3289
N-S5-DS	100-6hr -90%	0.00	68.71	-0.0005	462.26	457.16	54861	6.0519	0.2627	6.0196	6.0523
N-S5-DS	10yr-12 hr-10%	0.00	67.72	-0.0005	247.87	246.29	49541	1.8262	0.1395	1.7872	1.8267
N-S5-DS	10yr-12 hr-90%	0.00	67.70	-0.0005	246.84	242.75	49433	12.0572	0.2627	12.0181	12.0574
N-S5-DS	10yr-1hr -10%	0.00	66.70	-0.0003	88.58	87.13	43795	1.0830	0.0852	1.0504	1.0834
N-S5-DS	10yr-1hr -90%	0.00	66.76	-0.0005	119.67	94.58	44355	1.0907	0.2627	1.0365	1.0907
N-S5-DS	10yr-24 hr-10%	0.00	67.55	-0.0005	215.36	214.38	48530	2.0725	0.1395	2.0188	2.0735
N-S5-DS	10yr-24 hr-90%	0.00	67.82	-0.0005	269.06	264.90	50102	24.0537	0.2627	24.0142	24.0539
N-S5-DS	10yr-6hr -10%	0.00	67.77	-0.0004	257.03	254.95	49834	1.5447	0.1363	1.4216	1.5452
N-S5-DS	10yr-6hr -90%	0.00	67.66	-0.0005	238.56	234.13	49168	6.0588	0.2627	6.0177	6.0590
N-S5-DS	25yr-12 hr-10%	0.00	68.25	-0.0004	354.50	351.58	52370	1.6913	0.1160	1.6182	1.6913
N-S5-DS	25yr-12 hr-90%	0.00	68.15	-0.0005	335.61	329.92	51854	12.0536	0.2627	12.0526	12.0539
N-S5-DS	25yr-1hr -10%	0.00	66.97	-0.0003	125.43	123.00	45391	1.0667	0.0769	0.8776	1.0669
N-S5-DS	25yr-1hr -90%	0.00	67.06	-0.0005	151.75	136.49	46237	1.5157	0.2627	1.0385	1.5158
N-S5-DS	25yr-24 hr-10%	0.00	68.06	-0.0004	313.00	312.65	51408	1.9894	0.1304	1.9086	1.9894
N-S5-DS	25yr-24 hr-90%	0.00	68.30	-0.0005	367.11	363.13	52658	24.0594	0.2627	24.0203	24.0595

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S5-DS	25yr-6hr -10%	0.00	68.29	-0.0004	366.54	361.47	52640	1.4429	0.1110	1.3868	1.4430
N-S5-DS	25yr-6hr -90%	0.00	68.08	-0.0005	322.34	316.48	51524	6.0539	0.2627	6.0242	6.0543
N-S5-DS	2yr-12hr -10%	0.00	66.79	-0.0005	99.59	98.67	44211	2.1584	0.1395	2.0531	2.1595
N-S5-DS	2yr-12hr -90%	0.00	66.89	-0.0005	114.42	111.24	44756	12.0671	0.2627	12.0188	12.0674
N-S5-DS	2yr-1hr -10%	0.00	66.63	-0.0004	65.32	78.46	43148	0.0000	0.1160	0.0000	0.0000
N-S5-DS	2yr-1hr -90%	0.00	66.63	-0.0005	71.72	78.46	43148	0.0000	0.2627	1.0351	0.0000
N-S5-DS	2yr-24hr -10%	0.00	66.67	-0.0005	83.70	83.09	43462	2.5855	0.2627	2.5335	2.5863
N-S5-DS	2yr-24hr -90%	0.00	66.96	-0.0005	124.72	122.01	45221	24.0613	0.2627	24.0181	24.0615
N-S5-DS	2yr-6hr -10%	0.00	66.82	-0.0005	103.83	102.74	44422	1.7477	0.1395	1.6851	1.7483
N-S5-DS	2yr-6hr -90%	0.00	66.83	-0.0005	108.23	104.17	44455	6.0763	0.2627	6.0339	6.0766
N-S5-DS	50-12hr -10%	0.00	68.67	-0.0004	448.98	446.93	54616	1.5914	0.1010	1.5374	1.5916
N-S5-DS	50-12hr -90%	0.00	68.48	-0.0005	408.71	403.29	53633	12.0564	0.2627	12.0214	12.0564
N-S5-DS	50-1hr -10%	0.00	67.17	-0.0003	156.66	152.50	46553	1.0462	0.0688	0.8705	1.0465
N-S5-DS	50-1hr -90%	0.00	67.30	-0.0005	178.65	172.60	47608	1.4959	0.2627	1.4223	1.4960
N-S5-DS	50-24hr -10%	0.00	68.45	-0.0004	395.52	395.21	53416	1.8090	0.1160	1.7536	1.7997
N-S5-DS	50-24hr -90%	0.00	68.65	-0.0005	448.38	443.33	54571	24.0535	0.2627	24.0203	24.0543
N-S5-DS	50-6hr -10%	0.00	68.70	-0.0004	457.77	455.10	54836	1.3973	0.0961	1.3484	1.3954
N-S5-DS	50-6hr -90%	0.00	68.40	-0.0005	389.50	384.51	53184	6.0546	0.2627	6.0202	6.0548
N-S5-DS	5yr-12hr -10%	0.00	67.32	-0.0005	177.17	176.07	47269	1.9535	0.1395	1.8020	1.9542
N-S5-DS	5yr-12hr -90%	0.00	67.36	-0.0005	186.79	183.02	47506	12.0605	0.2627	12.0184	12.0607
N-S5-DS	5yr-1hr -10%	0.00	66.63	-0.0004	66.13	78.46	43148	0.0000	0.0961	0.8505	0.0000
N-S5-DS	5yr-1hr -90%	0.00	66.63	-0.0005	97.99	78.46	43148	0.0000	0.2627	1.0356	0.0000
N-S5-DS	5yr-24hr	0.00	67.15	-0.0005	150.89	149.76	46311	2.2810	0.1395	2.0513	2.2837

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	-10%										
N-SS-DS	5yr-24hr-90%	0.00	67.46	-0.0005	202.28	198.95	48056	24.0563	0.2627	24.0175	24.0567
N-SS-DS	5yr-6hr-10%	0.00	67.37	-0.0005	186.02	184.07	47574	1.6002	0.1395	1.5346	1.6007
N-SS-DS	5yr-6hr-90%	0.00	67.32	-0.0005	180.38	176.20	47269	6.0641	0.2627	6.0183	6.0643

Node: N-SS-UP

Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 76.28 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-SS-UP	100-12hr-10%	0.00	87.25	-0.0830	98.22	275.60	113	0.7868	1.2886	0.7833	1.2885
N-SS-UP	100-12hr-90%	0.00	83.89	-0.0081	79.42	79.40	113	12.0004	12.0878	12.0000	12.0006
N-SS-UP	100-1hr-10%	0.00	83.64	0.0065	77.98	77.85	113	0.3040	0.2216	0.3000	0.3040
N-SS-UP	100-1hr-90%	0.00	104.07	-0.0101	163.64	162.25	113	1.0318	1.0779	1.0167	1.0319
N-SS-UP	100-24hr-10%	0.00	85.44	0.0022	88.61	88.58	113	1.0189	0.3601	1.0167	1.0189
N-SS-UP	100-24hr-90%	0.00	84.67	-0.1649	84.18	270.75	113	23.9603	23.9603	24.0000	23.9603
N-SS-UP	100-6hr-10%	0.00	89.23	-0.1647	107.80	273.52	113	0.7084	1.1552	0.7000	1.1552
N-SS-UP	100-6hr-90%	0.00	83.09	-0.0078	74.26	74.26	113	6.0001	6.0824	6.0000	6.0002

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-SS-UP	10yr-12hr-10%	0.00	78.55	0.0010	47.91	47.91	113	1.0334	0.2439	1.0333	1.0336
N-SS-UP	10yr-12hr-90%	0.00	78.49	0.0010	43.84	43.84	113	12.0000	3.9484	12.0000	12.0001
N-SS-UP	10yr-1hr-10%	0.00	78.45	-0.0010	42.02	42.02	113	0.3174	1.1662	0.3167	0.3177
N-SS-UP	10yr-1hr-90%	0.00	87.65	-0.0090	100.42	100.21	113	1.0335	1.1103	1.0167	1.0335
N-SS-UP	10yr-24hr-10%	0.00	78.44	0.0010	41.29	41.29	113	1.0334	0.2178	1.0333	1.0335
N-SS-UP	10yr-24hr-90%	0.00	78.50	0.0010	44.89	44.89	113	24.0000	18.5533	24.0000	24.0001
N-SS-UP	10yr-6hr-10%	0.00	80.68	-0.0012	55.88	55.87	113	0.8672	0.9884	0.8666	0.8672
N-SS-UP	10yr-6hr-90%	0.00	78.47	0.0010	42.77	42.77	113	6.0000	1.8141	6.0000	6.0002
N-SS-UP	25yr-12hr-10%	0.00	81.89	0.0027	65.77	65.77	113	0.8002	0.5234	0.8000	0.8002
N-SS-UP	25yr-12hr-90%	0.00	80.81	-0.0054	57.02	57.01	113	12.0005	12.0527	11.9996	12.0005
N-SS-UP	25yr-1hr-10%	0.00	80.06	-0.0027	55.74	54.53	113	0.3416	0.3737	0.3167	0.2854
N-SS-UP	25yr-1hr-90%	0.00	93.24	-0.0094	125.47	124.83	113	1.0326	1.1225	1.0167	1.0326
N-SS-UP	25yr-24hr-10%	0.00	80.99	0.0015	58.64	58.63	113	1.0213	0.8857	1.0167	1.0214
N-SS-UP	25yr-24hr-90%	0.00	81.09	-0.0062	59.39	59.39	113	23.9999	24.0591	23.9999	24.0003
N-SS-UP	25yr-6hr-10%	0.00	83.21	0.0035	75.06	75.03	113	0.7195	0.4365	0.7167	0.7196
N-SS-UP	25yr-6hr-90%	0.00	78.97	-0.0013	54.70	54.53	113	6.0040	6.0242	5.9999	5.8745
N-SS-UP	2yr-12hr-10%	0.00	77.87	-0.0010	21.94	21.94	113	1.2835	3.8463	1.2834	1.2837
N-SS-UP	2yr-12hr-90%	0.00	77.92	-0.0010	23.32	23.32	113	12.0002	12.0991	11.9995	12.0002
N-SS-UP	2yr-1hr-10%	0.00	77.86	-0.0010	21.66	21.66	113	0.3504	1.1151	0.3500	0.3513
N-SS-UP	2yr-1hr-90%	0.00	81.18	-0.0068	60.30	60.17	113	1.0340	1.0727	1.0333	1.0341
N-SS-UP	2yr-24hr-10%	0.00	77.71	0.0010	17.94	17.94	113	1.5178	0.3676	1.5166	1.5184
N-SS-UP	2yr-24hr-90%	0.00	77.93	-0.0010	23.36	23.36	113	23.9996	24.1456	23.9996	24.0004
N-SS-UP	2yr-6hr-90%	0.00	78.06	0.0010	27.22	27.22	113	0.8836	0.3020	0.8833	0.8838

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	10%										
N-SS-UP	2yr-6hr-90%	0.00	77.93	-0.0010	23.52	23.52	113	6.0001	6.1464	5.9995	6.0001
N-SS-UP	50-12hr-10%	0.00	84.24	0.0038	81.65	81.61	113	0.7893	0.3867	0.7834	0.7894
N-SS-UP	50-12hr-90%	0.00	82.19	-0.0073	68.01	68.00	113	12.0003	12.0747	12.0000	12.0004
N-SS-UP	50-1hr-10%	0.00	81.99	0.0052	66.61	66.54	113	0.3078	0.2506	0.3000	0.3078
N-SS-UP	50-1hr-90%	0.00	98.29	-0.0097	144.49	143.50	113	1.0319	1.1299	1.0167	1.0320
N-SS-UP	50-24hr-10%	0.00	82.85	0.0033	72.65	72.62	113	1.0198	0.4631	1.0167	1.0199
N-SS-UP	50-24hr-90%	0.00	82.61	-0.0076	70.98	70.98	113	24.0001	24.0785	24.0000	24.0001
N-SS-UP	50-6hr-10%	0.00	85.88	0.0046	91.00	91.00	113	0.7171	0.3508	0.7167	0.7172
N-SS-UP	50-6hr-90%	0.00	81.70	-0.0069	64.29	64.28	113	6.0001	6.0689	6.0000	6.0002
N-SS-UP	5yr-12hr-10%	0.00	78.31	-0.0010	35.93	35.93	113	1.0339	3.8475	1.0334	1.0340
N-SS-UP	5yr-12hr-90%	0.00	78.28	-0.0010	34.59	34.59	113	11.9997	12.0846	11.9997	12.0003
N-SS-UP	5yr-1hr-10%	0.00	78.23	-0.0010	32.74	32.74	113	0.3337	1.0839	0.3333	0.3339
N-SS-UP	5yr-1hr-90%	0.00	84.41	-0.0086	82.70	82.61	113	1.0336	1.0984	1.0333	1.0337
N-SS-UP	5yr-24hr-10%	0.00	78.14	-0.0010	29.78	29.78	113	1.0337	6.5795	1.0333	1.0338
N-SS-UP	5yr-24hr-90%	0.00	78.29	-0.0010	35.03	35.03	113	24.0000	24.1468	24.0000	24.0000
N-SS-UP	5yr-6hr-10%	0.00	78.47	0.0010	43.01	43.01	113	0.8670	0.2220	0.8667	0.8671
N-SS-UP	5yr-6hr-90%	0.00	78.27	-0.0010	34.27	34.27	113	6.0000	6.0602	6.0000	6.0000

Node: N-S6-OUT

Scenario: EC
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 36.09 ft
 Warning Stage: 0.00 ft

Boundary Stage:

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S6-O UT	100-12hr-10%	0.00	36.09	0.0000	3404.97	0.00	0	0.0000	0.0000	1.3033	0.0000
N-S6-O UT	100-12hr-90%	0.00	36.09	0.0000	2655.81	0.00	0	0.0000	0.0000	12.1029	0.0000
N-S6-O UT	100-1hr-10%	0.00	36.09	0.0000	1794.06	0.00	0	0.0000	0.0000	0.8373	0.0000
N-S6-O UT	100-1hr-90%	0.00	36.09	0.0000	2621.59	0.00	0	0.0000	0.0000	1.3290	0.0000
N-S6-O UT	100-24hr-10%	0.00	36.09	0.0000	3062.34	0.00	0	0.0000	0.0000	1.3543	0.0000
N-S6-O UT	100-24hr-90%	0.00	36.09	0.0000	2900.58	0.00	0	0.0000	0.0000	24.0994	0.0000
N-S6-O UT	100-6hr-10%	0.00	36.09	0.0000	3620.20	0.00	0	0.0000	0.0000	1.1886	0.0000
N-S6-O UT	100-6hr-90%	0.00	36.09	0.0000	2621.65	0.00	0	0.0000	0.0000	6.0824	0.0000
N-S6-O UT	10yr-12hr-10%	0.00	36.09	0.0000	1704.03	0.00	0	0.0000	0.0000	1.4757	0.0000
N-S6-O UT	10yr-12hr-90%	0.00	36.09	0.0000	1458.92	0.00	0	0.0000	0.0000	12.1166	0.0000
N-S6-O UT	10yr-1hr-10%	0.00	36.09	0.0000	1033.74	0.00	0	0.0000	0.0000	0.9110	0.0000
N-S6-O UT	10yr-1hr-90%	0.00	36.09	0.0000	1498.48	0.00	0	0.0000	0.0000	1.3584	0.0000
N-S6-O UT	10yr-24hr-10%	0.00	36.09	0.0000	1448.56	0.00	0	0.0000	0.0000	1.6684	0.0000
N-S6-O UT	10yr-24hr-90%	0.00	36.09	0.0000	1540.44	0.00	0	0.0000	0.0000	24.1055	0.0000
N-S6-O UT	10yr-6hr-10%	0.00	36.09	0.0000	1912.01	0.00	0	0.0000	0.0000	1.2942	0.0000
N-S6-O UT	10yr-6hr-90%	0.00	36.09	0.0000	1497.10	0.00	0	0.0000	0.0000	6.0990	0.0000
N-S6-O UT	25yr-12hr-10%	0.00	36.09	0.0000	2321.31	0.00	0	0.0000	0.0000	1.3946	0.0000
N-S6-O UT	25yr-12hr-90%	0.00	36.09	0.0000	1901.89	0.00	0	0.0000	0.0000	12.1105	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S6-O UT	25yr-1hr -10%	0.00	36.09	0.0000	1326.34	0.00	0	0.0000	0.0000	0.8787	0.0000
N-S6-O UT	25yr-1hr -90%	0.00	36.09	0.0000	1934.67	0.00	0	0.0000	0.0000	1.3450	0.0000
N-S6-O UT	25yr-24 hr-10%	0.00	36.09	0.0000	2024.93	0.00	0	0.0000	0.0000	1.5170	0.0000
N-S6-O UT	25yr-24 hr-90%	0.00	36.09	0.0000	2042.19	0.00	0	0.0000	0.0000	24.1000	0.0000
N-S6-O UT	25yr-6hr -10%	0.00	36.09	0.0000	2546.88	0.00	0	0.0000	0.0000	1.2452	0.0000
N-S6-O UT	25yr-6hr -90%	0.00	36.09	0.0000	1922.73	0.00	0	0.0000	0.0000	6.0863	0.0000
N-S6-O UT	2yr-12hr -10%	0.00	36.09	0.0000	801.54	0.00	0	0.0000	0.0000	1.6972	0.0000
N-S6-O UT	2yr-12hr -90%	0.00	36.09	0.0000	771.75	0.00	0	0.0000	0.0000	12.1328	0.0000
N-S6-O UT	2yr-1hr -10%	0.00	36.09	0.0000	584.81	0.00	0	0.0000	0.0000	0.9806	0.0000
N-S6-O UT	2yr-1hr -90%	0.00	36.09	0.0000	830.72	0.00	0	0.0000	0.0000	1.3874	0.0000
N-S6-O UT	2yr-24hr -10%	0.00	36.09	0.0000	646.70	0.00	0	0.0000	0.0000	1.9240	0.0000
N-S6-O UT	2yr-24hr -90%	0.00	36.09	0.0000	798.64	0.00	0	0.0000	0.0000	24.1167	0.0000
N-S6-O UT	2yr-6hr -10%	0.00	36.09	0.0000	943.94	0.00	0	0.0000	0.0000	1.4212	0.0000
N-S6-O UT	2yr-6hr -90%	0.00	36.09	0.0000	812.58	0.00	0	0.0000	0.0000	6.1170	0.0000
N-S6-O UT	50-12hr -10%	0.00	36.09	0.0000	2849.07	0.00	0	0.0000	0.0000	1.3499	0.0000
N-S6-O UT	50-12hr -90%	0.00	36.09	0.0000	2271.70	0.00	0	0.0000	0.0000	12.1067	0.0000
N-S6-O UT	50-1hr -10%	0.00	36.09	0.0000	1556.38	0.00	0	0.0000	0.0000	0.8568	0.0000
N-S6-O UT	50-1hr -90%	0.00	36.09	0.0000	2274.17	0.00	0	0.0000	0.0000	1.3364	0.0000
N-S6-O UT	50-24hr -10%	0.00	36.09	0.0000	2504.55	0.00	0	0.0000	0.0000	1.4156	0.0000
N-S6-O UT	50-24hr -90%	0.00	36.09	0.0000	2443.40	0.00	0	0.0000	0.0000	24.1033	0.0000
N-S6-O UT	50-6hr -10%	0.00	36.09	0.0000	3069.16	0.00	0	0.0000	0.0000	1.2153	0.0000
N-S6-O UT	50-6hr -90%	0.00	36.09	0.0000	2265.45	0.00	0	0.0000	0.0000	6.0830	0.0000
N-S6-O UT	5yr-12hr	0.00	36.09	0.0000	1285.63	0.00	0	0.0000	0.0000	1.5669	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
UT	-10%										
N-S6-O UT	5yr-12hr -90%	0.00	36.09	0.0000	1148.68	0.00	0	0.0000	0.0000	12.1178	0.0000
N-S6-O UT	5yr-1hr -10%	0.00	36.09	0.0000	832.06	0.00	0	0.0000	0.0000	0.9386	0.0000
N-S6-O UT	5yr-1hr -90%	0.00	36.09	0.0000	1197.81	0.00	0	0.0000	0.0000	1.3697	0.0000
N-S6-O UT	5yr-24hr -10%	0.00	36.09	0.0000	1071.34	0.00	0	0.0000	0.0000	1.7595	0.0000
N-S6-O UT	5yr-24hr -90%	0.00	36.09	0.0000	1199.97	0.00	0	0.0000	0.0000	24.1120	0.0000
N-S6-O UT	5yr-6hr -10%	0.00	36.09	0.0000	1473.22	0.00	0	0.0000	0.0000	1.3431	0.0000
N-S6-O UT	5yr-6hr -90%	0.00	36.09	0.0000	1194.11	0.00	0	0.0000	0.0000	6.1023	0.0000

Node: N-S7-A

Scenario: EC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 53.31 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-A	100-12hr -10%	0.00	57.28	0.0001	547.76	543.49	91362	1.6275	0.0000	1.5366	1.6268
N-S7-A	100-12hr -90%	0.00	57.04	0.0010	481.48	487.79	88866	12.0174	0.0609	12.0582	12.0191
N-S7-A	100-1hr -10%	0.00	55.84	0.0010	184.65	174.81	69586	1.1483	0.0609	0.9618	1.1440
N-S7-A	100-1hr -90%	0.00	56.00	0.0010	211.29	196.35	71282	1.5954	0.0609	1.4787	1.6009

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-A	100-24h r-10%	0.00	57.06	0.0001	497.36	494.81	89179	1.7124	0.0000	1.6085	1.7116
N-S7-A	100-24h r-90%	0.00	57.20	0.0010	535.52	525.46	90569	24.0994	0.0609	24.0461	24.1036
N-S7-A	100-6hr -10%	0.00	57.29	0.0002	555.43	547.53	91538	1.4357	0.0000	1.3289	1.4376
N-S7-A	100-6hr -90%	0.00	57.03	0.0010	457.16	488.18	88831	6.0356	0.0609	6.0523	5.8476
N-S7-A	10yr-12 hr-10%	0.00	56.30	0.0010	246.29	243.17	74607	1.9736	0.0609	1.8267	1.9649
N-S7-A	10yr-12 hr-90%	0.00	56.25	0.0010	242.75	235.29	74075	12.1294	0.0609	12.0574	12.1245
N-S7-A	10yr-1hr -10%	0.00	54.95	0.0010	87.13	82.75	59891	1.2158	0.0609	1.0834	1.2090
N-S7-A	10yr-1hr -90%	0.00	55.00	0.0010	94.58	86.43	60354	1.6778	0.0609	1.0907	1.6765
N-S7-A	10yr-24 hr-10%	0.00	56.10	0.0010	214.38	211.92	72432	2.2158	0.0609	2.0735	2.2334
N-S7-A	10yr-24 hr-90%	0.00	56.39	0.0010	264.90	258.14	75592	24.1191	0.0609	24.0539	24.1257
N-S7-A	10yr-6hr -10%	0.00	56.34	0.0010	254.95	248.95	74991	1.6768	0.0609	1.5452	1.6752
N-S7-A	10yr-6hr -90%	0.00	56.19	0.0010	234.13	225.55	73402	6.1372	0.0609	6.0590	6.1433
N-S7-A	25yr-12 hr-10%	0.00	56.88	0.0010	351.58	348.96	80963	1.8390	0.0609	1.6913	1.8489
N-S7-A	25yr-12 hr-90%	0.00	56.74	0.0010	329.92	320.90	79400	12.1185	0.0609	12.0539	12.1166
N-S7-A	25yr-1hr -10%	0.00	55.31	0.0010	123.00	116.33	63837	1.1924	0.0609	1.0669	1.2012
N-S7-A	25yr-1hr -90%	0.00	55.41	0.0010	136.49	125.71	64844	1.6447	0.0609	1.5158	1.6512
N-S7-A	25yr-24 hr-10%	0.00	56.69	0.0010	312.65	311.31	78848	2.0836	0.0609	1.9894	2.0951
N-S7-A	25yr-24 hr-90%	0.00	56.91	0.0010	363.13	354.97	81283	24.1104	0.0609	24.0595	24.1148
N-S7-A	25yr-6hr -10%	0.00	56.91	0.0010	361.47	354.72	81265	1.5834	0.0609	1.4430	1.5797
N-S7-A	25yr-6hr -90%	0.00	56.67	0.0010	316.48	307.66	78636	6.1203	0.0609	6.0543	6.1170
N-S7-A	2yr-12hr -10%	0.00	55.11	0.0010	98.67	96.80	61615	2.3926	0.0609	2.1595	2.3886
N-S7-A	2yr-12hr -90%	0.00	55.20	0.0010	111.24	104.85	62553	12.1809	0.0609	12.0674	12.1897
N-S7-A	2yr-1hr-	0.00	54.40	0.0010	78.46	41.09	53803	0.9947	0.0609	0.0000	1.0148

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	10%										
N-S7-A	2yr-1hr-90%	0.00	54.34	0.0010	78.46	37.37	53154	1.6938	0.0609	0.0000	1.7095
N-S7-A	2yr-24hr -10%	0.00	54.94	0.0010	83.09	81.70	59756	2.8483	0.0609	2.5863	2.8769
N-S7-A	2yr-24hr -90%	0.00	55.32	0.0010	122.01	116.48	63854	24.1581	0.0609	24.0615	24.1523
N-S7-A	2yr-6hr -10%	0.00	55.13	0.0010	102.74	98.69	61838	1.9405	0.0609	1.7483	1.9501
N-S7-A	2yr-6hr-90%	0.00	55.10	0.0010	104.17	96.12	61535	6.2314	0.0609	6.0766	6.2420
N-S7-A	50-12hr -10%	0.00	57.04	0.0010	446.93	488.20	88820	1.5731	0.0609	1.5916	1.7524
N-S7-A	50-12hr -90%	0.00	57.03	0.0010	403.29	463.33	88752	12.0866	0.0609	12.0564	12.0987
N-S7-A	50-1hr-10%	0.00	55.58	0.0010	152.50	144.43	66756	1.1709	0.0609	1.0465	1.1786
N-S7-A	50-1hr-90%	0.00	55.71	0.0010	172.60	158.93	68160	1.6221	0.0609	1.4960	1.6191
N-S7-A	50-24hr -10%	0.00	57.03	0.0010	395.21	461.96	88740	2.0299	0.0609	1.7997	2.0055
N-S7-A	50-24hr -90%	0.00	57.03	0.0010	443.33	479.32	88811	23.9181	0.0609	24.0543	24.0151
N-S7-A	50-6hr-10%	0.00	57.04	0.0010	455.10	488.19	88828	1.2961	0.0609	1.3954	1.5655
N-S7-A	50-6hr-90%	0.00	57.01	0.0010	384.51	375.74	82275	6.1115	0.0609	6.0548	6.1094
N-S7-A	5yr-12hr -10%	0.00	55.83	0.0010	176.07	173.60	69488	2.1318	0.0609	1.9542	2.1464
N-S7-A	5yr-12hr -90%	0.00	55.85	0.0010	183.02	175.47	69639	12.1474	0.0609	12.0607	12.1421
N-S7-A	5yr-1hr-10%	0.00	54.70	0.0010	78.46	62.06	57097	1.2092	0.0609	0.0000	1.2019
N-S7-A	5yr-1hr-90%	0.00	54.70	0.0010	78.46	62.18	57114	1.7025	0.0609	0.0000	1.7118
N-S7-A	5yr-24hr -10%	0.00	55.62	0.0010	149.76	148.74	67179	2.5240	0.0609	2.2837	2.5502
N-S7-A	5yr-24hr -90%	0.00	55.97	0.0010	198.95	192.86	71017	24.1300	0.0609	24.0567	24.1366
N-S7-A	5yr-6hr-10%	0.00	55.87	0.0010	184.07	178.30	69866	1.7769	0.0609	1.6007	1.7697
N-S7-A	5yr-6hr-90%	0.00	55.78	0.0010	176.20	166.71	68887	6.1680	0.0609	6.0643	6.1741

Node: N-S7-B	
Scenario:	EC
Type:	Stage/Area
Base Flow:	0.00 cfs
Initial Stage:	41.67 ft
Warning Stage:	0.00 ft

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-B	100-12h r-10%	0.00	43.62	0.0001	198.09	196.42	55476	1.1532	0.5055	1.0414	1.1531
N-S7-B	100-12h r-90%	0.00	43.45	-0.0003	171.40	168.21	55318	12.0453	12.2386	12.0169	12.0426
N-S7-B	100-1hr -10%	0.00	42.89	-0.0004	101.55	88.29	55464	0.7747	1.0275	0.4993	0.7675
N-S7-B	100-1hr -90%	0.00	43.40	-0.0002	195.50	159.57	55525	1.1969	1.5232	1.0719	1.1957
N-S7-B	100-24h r-10%	0.00	43.50	0.0001	178.08	175.95	55467	1.1945	0.5315	1.0734	1.1938
N-S7-B	100-24h r-90%	0.00	43.55	0.0002	186.94	184.92	55318	24.0345	19.8132	24.0051	24.0308
N-S7-B	100-6hr -10%	0.00	43.70	0.0001	213.22	210.96	55486	1.0419	0.5033	0.9119	1.0449
N-S7-B	100-6hr -90%	0.00	43.40	-0.0003	161.81	160.28	55330	6.0334	6.2469	6.0060	6.0395
N-S7-B	10yr-12 hr-10%	0.00	42.92	0.0002	92.65	91.28	55405	1.4131	0.6076	1.2816	1.4043
N-S7-B	10yr-12 hr-90%	0.00	42.90	-0.0003	91.53	88.75	55321	12.0566	12.3211	12.0188	12.0620
N-S7-B	10yr-1hr -10%	0.00	42.50	-0.0003	51.67	45.62	55379	0.8955	1.0489	0.4769	0.8908
N-S7-B	10yr-1hr -90%	0.00	42.78	-0.0003	104.71	74.67	55486	1.2408	1.4268	1.1038	1.2439
N-S7-B	10yr-24 hr-10%	0.00	42.80	0.0002	78.69	77.53	55387	1.6483	0.6596	1.5471	1.6363
N-S7-B	10yr-24 hr-90%	0.00	42.95	-0.0002	97.16	95.15	55319	24.0461	24.3385	24.0083	24.0420
N-S7-B	10yr-6hr -10%	0.00	43.01	0.0002	105.73	102.59	55423	1.2039	0.5481	1.0413	1.1976
N-S7-B	10yr-6hr -90%	0.00	42.89	-0.0004	89.26	87.39	55331	6.0474	6.2959	6.0114	6.0538

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	-90%										
N-S7-B	25yr-12 hr-10%	0.00	43.20	-0.0002	129.94	128.96	55436	1.3061	4.0029	1.1712	1.3175
N-S7-B	25yr-12 hr-90%	0.00	43.12	-0.0004	121.12	118.17	55320	12.0510	12.2813	12.0183	12.0477
N-S7-B	25yr-1hr -10%	0.00	42.66	-0.0003	69.82	61.85	55419	0.8534	1.0513	0.5313	0.8624
N-S7-B	25yr-1hr -90%	0.00	43.03	-0.0003	139.48	106.53	55512	1.2203	1.4481	1.0840	1.2228
N-S7-B	25yr-24 hr-10%	0.00	43.07	-0.0003	112.55	111.76	55421	1.5841	2.3079	1.5352	1.5959
N-S7-B	25yr-24 hr-90%	0.00	43.19	-0.0003	130.35	128.33	55318	24.0406	24.2471	24.0074	24.0449
N-S7-B	25yr-6hr -10%	0.00	43.29	0.0002	145.24	142.24	55451	1.1157	0.4057	1.0197	1.1277
N-S7-B	25yr-6hr -90%	0.00	43.10	-0.0004	116.68	114.97	55332	6.0404	6.2329	6.0088	6.0461
N-S7-B	2yr-12hr -10%	0.00	42.42	-0.0002	39.64	38.52	55341	1.7547	4.0536	1.5329	1.7839
N-S7-B	2yr-12hr -90%	0.00	42.47	-0.0003	45.76	43.37	55320	12.0745	12.3186	12.0217	12.0818
N-S7-B	2yr-1hr-10%	0.00	42.20	-0.0002	29.23	21.74	54919	0.9790	1.2233	0.8207	0.9753
N-S7-B	2yr-1hr-90%	0.00	42.33	0.0002	52.71	30.92	55369	1.2912	1.0338	1.1317	1.2878
N-S7-B	2yr-24hr -10%	0.00	42.33	-0.0002	31.72	31.19	55324	2.1565	2.7617	2.0471	2.1534
N-S7-B	2yr-24hr -90%	0.00	42.50	-0.0003	47.97	46.09	55318	24.0629	24.3189	24.0154	24.0694
N-S7-B	2yr-6hr -10%	0.00	42.49	-0.0002	47.44	44.51	55361	1.4038	1.6318	1.1949	1.4183
N-S7-B	2yr-6hr -90%	0.00	42.47	-0.0003	45.62	43.46	55326	6.0693	6.3220	6.0186	6.0758
N-S7-B	50-12hr -10%	0.00	43.41	-0.0002	162.78	161.51	55458	1.2247	4.0335	1.0621	1.2432
N-S7-B	50-12hr -90%	0.00	43.29	-0.0002	145.81	142.73	55319	12.0478	12.3337	12.0174	12.0523
N-S7-B	50-1hr-10%	0.00	42.78	-0.0004	85.23	74.74	55443	0.8190	1.0408	0.5126	0.8290
N-S7-B	50-1hr-90%	0.00	43.22	-0.0003	167.03	132.37	55520	1.2078	1.4379	1.0770	1.2066
N-S7-B	50-24hr -10%	0.00	43.27	-0.0002	142.47	140.42	55445	1.2477	7.3088	1.1257	1.2628
N-S7-B	50-24hr -90%	0.00	43.37	0.0002	156.84	154.82	55317	24.0373	19.8156	24.0053	24.0419

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-B	50-6hr-10%	0.00	43.50	-0.0002	177.99	175.61	55469	1.0723	2.6149	0.9856	1.0804
N-S7-B	50-6hr-90%	0.00	43.25	-0.0002	138.80	137.19	55331	6.0367	6.3583	6.0068	6.0416
N-S7-B	5yr-12hr-10%	0.00	42.70	-0.0002	67.56	66.42	55381	1.5491	1.9802	1.3082	1.5401
N-S7-B	5yr-12hr-90%	0.00	42.72	-0.0004	70.81	68.18	55321	12.0627	12.3089	12.0195	12.0684
N-S7-B	5yr-1hr-10%	0.00	42.37	-0.0002	45.22	34.77	55351	0.9257	1.2171	0.6274	0.9327
N-S7-B	5yr-1hr-90%	0.00	42.58	-0.0002	81.09	53.99	55446	1.2594	1.4433	1.1166	1.2562
N-S7-B	5yr-24hr-10%	0.00	42.59	-0.0002	56.28	55.00	55365	1.7247	2.2837	1.5638	1.7435
N-S7-B	5yr-24hr-90%	0.00	42.76	-0.0004	74.58	72.62	55317	24.0518	24.3110	24.0104	24.0573
N-S7-B	5yr-6hr-10%	0.00	42.79	-0.0003	78.68	75.77	55400	1.2672	1.6516	1.0679	1.2790
N-S7-B	5yr-6hr-90%	0.00	42.72	-0.0004	69.84	67.84	55330	6.0544	6.3013	6.0158	6.0614

Node: N-S7-OUT

Scenario: EC
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 6.23 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Comment:

Node Max Conditions w/ Times [EC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-O UT	100-12h r-10%	0.00	6.23	0.0000	1735.88	0.00	0	0.0000	0.0000	1.7333	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-O UT	100-12h r-90%	0.00	6.23	0.0000	1494.14	0.00	0	0.0000	0.0000	12.0912	0.0000
N-S7-O UT	100-1hr -10%	0.00	6.23	0.0000	638.89	0.00	0	0.0000	0.0000	1.1326	0.0000
N-S7-O UT	100-1hr -90%	0.00	6.23	0.0000	726.38	0.00	0	0.0000	0.0000	1.5501	0.0000
N-S7-O UT	100-24h r-10%	0.00	6.23	0.0000	1593.46	0.00	0	0.0000	0.0000	1.9000	0.0000
N-S7-O UT	100-24h r-90%	0.00	6.23	0.0000	1641.51	0.00	0	0.0000	0.0000	24.1004	0.0000
N-S7-O UT	100-6hr -10%	0.00	6.23	0.0000	1725.50	0.00	0	0.0000	0.0000	1.5167	0.0000
N-S7-O UT	100-6hr -90%	0.00	6.23	0.0000	1446.98	0.00	0	0.0000	0.0000	6.0586	0.0000
N-S7-O UT	10yr-12 hr-10%	0.00	6.23	0.0000	820.55	0.00	0	0.0000	0.0000	1.9662	0.0000
N-S7-O UT	10yr-12 hr-90%	0.00	6.23	0.0000	770.44	0.00	0	0.0000	0.0000	12.1389	0.0000
N-S7-O UT	10yr-1hr -10%	0.00	6.23	0.0000	336.30	0.00	0	0.0000	0.0000	1.1672	0.0000
N-S7-O UT	10yr-1hr -90%	0.00	6.23	0.0000	375.77	0.00	0	0.0000	0.0000	1.5825	0.0000
N-S7-O UT	10yr-24 hr-10%	0.00	6.23	0.0000	718.00	0.00	0	0.0000	0.0000	2.2119	0.0000
N-S7-O UT	10yr-24 hr-90%	0.00	6.23	0.0000	836.88	0.00	0	0.0000	0.0000	24.1272	0.0000
N-S7-O UT	10yr-6hr -10%	0.00	6.23	0.0000	846.40	0.00	0	0.0000	0.0000	1.6620	0.0000
N-S7-O UT	10yr-6hr -90%	0.00	6.23	0.0000	750.75	0.00	0	0.0000	0.0000	6.1496	0.0000
N-S7-O UT	25yr-12 hr-10%	0.00	6.23	0.0000	1150.40	0.00	0	0.0000	0.0000	1.8625	0.0000
N-S7-O UT	25yr-12 hr-90%	0.00	6.23	0.0000	1031.15	0.00	0	0.0000	0.0000	12.1279	0.0000
N-S7-O UT	25yr-1hr -10%	0.00	6.23	0.0000	450.68	0.00	0	0.0000	0.0000	1.1501	0.0000
N-S7-O UT	25yr-1hr -90%	0.00	6.23	0.0000	507.33	0.00	0	0.0000	0.0000	1.5664	0.0000
N-S7-O UT	25yr-24 hr-10%	0.00	6.23	0.0000	1032.61	0.00	0	0.0000	0.0000	2.0981	0.0000
N-S7-O UT	25yr-24 hr-90%	0.00	6.23	0.0000	1132.45	0.00	0	0.0000	0.0000	24.1167	0.0000
N-S7-O UT	25yr-6hr -10%	0.00	6.23	0.0000	1168.77	0.00	0	0.0000	0.0000	1.6008	0.0000
N-S7-O UT	25yr-6hr	0.00	6.23	0.0000	1000.05	0.00	0	0.0000	0.0000	6.1317	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
UT	-90%										
N-S7-O UT	2yr-12hr -10%	0.00	6.23	0.0000	349.91	0.00	0	0.0000	0.0000	2.2498	0.0000
N-S7-O UT	2yr-12hr -90%	0.00	6.23	0.0000	369.97	0.00	0	0.0000	0.0000	12.1846	0.0000
N-S7-O UT	2yr-1hr -10%	0.00	6.23	0.0000	172.58	0.00	0	0.0000	0.0000	1.2013	0.0000
N-S7-O UT	2yr-1hr -90%	0.00	6.23	0.0000	188.96	0.00	0	0.0000	0.0000	1.5675	0.0000
N-S7-O UT	2yr-24hr -10%	0.00	6.23	0.0000	293.46	0.00	0	0.0000	0.0000	2.6670	0.0000
N-S7-O UT	2yr-24hr -90%	0.00	6.23	0.0000	400.85	0.00	0	0.0000	0.0000	24.1657	0.0000
N-S7-O UT	2yr-6hr -10%	0.00	6.23	0.0000	371.09	0.00	0	0.0000	0.0000	1.8165	0.0000
N-S7-O UT	2yr-6hr -90%	0.00	6.23	0.0000	357.92	0.00	0	0.0000	0.0000	6.2075	0.0000
N-S7-O UT	50-12hr -10%	0.00	6.23	0.0000	1481.27	0.00	0	0.0000	0.0000	1.7799	0.0000
N-S7-O UT	50-12hr -90%	0.00	6.23	0.0000	1318.90	0.00	0	0.0000	0.0000	12.0988	0.0000
N-S7-O UT	50-1hr -10%	0.00	6.23	0.0000	542.51	0.00	0	0.0000	0.0000	1.1416	0.0000
N-S7-O UT	50-1hr -90%	0.00	6.23	0.0000	613.37	0.00	0	0.0000	0.0000	1.5666	0.0000
N-S7-O UT	50-24hr -10%	0.00	6.23	0.0000	1360.18	0.00	0	0.0000	0.0000	2.0300	0.0000
N-S7-O UT	50-24hr -90%	0.00	6.23	0.0000	1408.22	0.00	0	0.0000	0.0000	24.0919	0.0000
N-S7-O UT	50-6hr -10%	0.00	6.23	0.0000	1481.95	0.00	0	0.0000	0.0000	1.5935	0.0000
N-S7-O UT	50-6hr -90%	0.00	6.23	0.0000	1203.59	0.00	0	0.0000	0.0000	6.1197	0.0000
N-S7-O UT	5yr-12hr -10%	0.00	6.23	0.0000	599.66	0.00	0	0.0000	0.0000	2.0764	0.0000
N-S7-O UT	5yr-12hr -90%	0.00	6.23	0.0000	588.18	0.00	0	0.0000	0.0000	12.1563	0.0000
N-S7-O UT	5yr-1hr -10%	0.00	6.23	0.0000	260.63	0.00	0	0.0000	0.0000	1.1833	0.0000
N-S7-O UT	5yr-1hr -90%	0.00	6.23	0.0000	289.02	0.00	0	0.0000	0.0000	1.5815	0.0000
N-S7-O UT	5yr-24hr -10%	0.00	6.23	0.0000	514.07	0.00	0	0.0000	0.0000	2.3688	0.0000
N-S7-O UT	5yr-24hr -90%	0.00	6.23	0.0000	636.41	0.00	0	0.0000	0.0000	24.1372	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-O UT	5yr-6hr -10%	0.00	6.23	0.0000	627.10	0.00	0	0.0000	0.0000	1.7210	0.0000
N-S7-O UT	5yr-6hr -90%	0.00	6.23	0.0000	574.14	0.00	0	0.0000	0.0000	6.1680	0.0000

Link: CH-G2

Scenario: EC
 Type: Channel
 From Node: N-OFF-G1
 To Node: N-G2-G3
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-G2	100-12hr r-10%	3744.41	0.00	-0.54	14.13	5.42	1.7080	0.0000	0.3012	1.7173	0.7690
CH-G2	100-12hr r-90%	2994.74	0.00	-0.67	13.14	4.43	12.2644	0.0000	12.7707	12.2696	9.9977
CH-G2	100-1hr -10%	1748.24	0.00	-0.58	9.97	5.20	1.1404	0.0000	0.2541	0.7750	0.7789
CH-G2	100-1hr -90%	2556.43	0.00	-0.72	11.61	5.57	1.4996	0.0000	1.8533	1.5569	1.2429
CH-G2	100-24hr r-10%	3411.96	0.00	-0.52	13.71	5.35	1.8350	0.0000	0.3234	1.8518	0.8198
CH-G2	100-24hr r-90%	3283.88	0.00	-0.69	13.55	4.37	24.2555	0.0000	24.7723	24.2584	21.1453
CH-G2	100-6hr -10%	3848.51	0.00	-0.54	14.25	5.49	1.5873	0.0000	0.2993	1.5874	0.7482
CH-G2	100-6hr -90%	2941.52	0.00	-0.70	13.05	4.62	6.2454	0.0000	6.7043	6.2534	4.6975
CH-G2	10yr-12hr-10%	1936.23	0.00	-0.66	10.76	5.00	1.6221	0.0000	2.7229	1.8844	1.1685
CH-G2	10yr-12hr-90%	1698.41	0.00	0.47	10.07	4.44	12.1835	0.0000	11.1368	12.2713	11.4385
CH-G2	10yr-1hr	993.03	0.00	-0.50	8.99	4.10	1.0783	0.0000	0.3094	1.0826	1.0443

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	-10%										
CH-G2	10yr-1hr-90%	1303.23	0.00	-0.51	9.76	4.91	1.4927	0.0000	1.8316	1.4964	1.4678
CH-G2	10yr-24hr-10%	1636.79	0.00	0.48	9.78	4.85	2.0181	0.0000	1.7208	1.3423	1.3738
CH-G2	10yr-24hr-90%	1780.84	0.00	-0.55	10.56	4.38	24.1823	0.0000	24.5794	24.2395	23.1090
CH-G2	10yr-6hr-10%	2131.66	0.00	0.60	11.15	5.12	1.4282	0.0000	1.3038	1.6032	1.0477
CH-G2	10yr-6hr-90%	1729.29	0.00	-0.52	10.05	4.58	6.1846	0.0000	6.5050	6.2771	5.5954
CH-G2	25yr-12hr-10%	2561.50	0.00	0.88	12.40	5.19	1.7158	0.0000	1.2106	1.7912	0.9502
CH-G2	25yr-12hr-90%	2180.40	0.00	-0.64	11.68	4.44	12.1967	0.0000	12.7242	12.2209	10.7902
CH-G2	25yr-1hr-10%	1287.23	0.00	-0.53	9.74	4.79	1.0576	0.0000	0.2830	1.0639	1.0237
CH-G2	25yr-1hr-90%	1603.33	0.00	-0.59	10.04	5.35	1.5256	0.0000	1.8190	1.3368	1.3369
CH-G2	25yr-24hr-10%	2268.71	0.00	-0.69	11.84	5.10	1.8272	0.0000	2.5209	1.9231	1.0509
CH-G2	25yr-24hr-90%	2346.89	0.00	-0.65	12.04	4.38	24.2065	0.0000	24.7486	24.2224	22.2399
CH-G2	25yr-6hr-10%	2749.74	0.00	1.30	12.67	5.27	1.4529	0.0000	1.1028	1.5516	0.8893
CH-G2	25yr-6hr-90%	2180.86	0.00	-0.63	11.65	4.60	6.1802	0.0000	6.7224	6.2092	5.1746
CH-G2	2yr-12hr-10%	851.84	0.00	-0.40	8.57	3.63	1.9764	0.0000	2.9402	1.9866	1.8812
CH-G2	2yr-12hr-90%	853.99	0.00	0.39	8.58	3.58	12.2297	0.0000	11.9479	12.2313	12.2164
CH-G2	2yr-1hr-10%	543.19	0.00	-0.42	7.35	3.60	1.1312	0.0000	0.3791	1.1326	0.6599
CH-G2	2yr-1hr-90%	707.58	0.00	-0.44	8.03	4.11	1.5144	0.0000	0.9579	1.5186	1.2156
CH-G2	2yr-24hr-10%	697.92	0.00	-0.41	8.01	3.20	2.2998	0.0000	3.2399	2.3100	0.9995
CH-G2	2yr-24hr-90%	895.68	0.00	0.41	8.70	3.68	24.2157	0.0000	24.0004	24.2211	24.2015
CH-G2	2yr-6hr-10%	966.31	0.00	-0.41	8.92	3.97	1.6363	0.0000	2.2060	1.6427	1.5742
CH-G2	2yr-6hr-90%	877.41	0.00	-0.39	8.65	3.67	6.2269	0.0000	6.7602	6.2288	6.2082
CH-G2	50-12hr-10%	3136.84	0.00	1.53	13.33	5.31	1.7251	0.0000	1.0425	1.7613	0.8450

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-G2	50-12hr-90%	2582.45	0.00	-0.72	12.47	4.44	12.2426	0.0000	12.5454	12.2547	10.3707
CH-G2	50-1hr-10%	1471.80	0.00	-0.59	9.90	5.06	1.0921	0.0000	1.4201	0.8645	0.8756
CH-G2	50-1hr-90%	2071.11	0.00	-0.71	10.26	5.47	1.5473	0.0000	1.7545	1.6176	1.2822
CH-G2	50-24hr-10%	2799.29	0.00	1.51	12.82	5.23	1.8613	0.0000	1.1411	1.9106	0.9177
CH-G2	50-24hr-90%	2770.70	0.00	-0.72	12.80	4.38	24.2524	0.0000	24.6187	24.2597	21.6788
CH-G2	50-6hr-10%	3283.47	0.00	1.38	13.51	5.38	1.5032	0.0000	0.9931	1.5433	0.8091
CH-G2	50-6hr-90%	2559.54	0.00	-0.70	12.42	4.61	6.2194	0.0000	6.5133	6.2349	4.9179
CH-G2	5yr-12hr-10%	1378.85	0.00	-0.49	9.72	4.74	1.9114	0.0000	2.8939	1.4749	1.5332
CH-G2	5yr-12hr-90%	1269.34	0.00	-0.48	9.51	4.42	12.2697	0.0000	12.4939	11.9640	12.0515
CH-G2	5yr-1hr-10%	790.45	0.00	-0.47	8.35	3.91	1.0977	0.0000	0.3342	1.1007	0.6105
CH-G2	5yr-1hr-90%	1035.48	0.00	-0.45	9.10	4.37	1.5004	0.0000	1.8326	1.5039	1.1775
CH-G2	5yr-24hr-10%	1172.01	0.00	0.38	9.49	4.39	2.0827	0.0000	1.3607	2.0961	1.9413
CH-G2	5yr-24hr-90%	1352.43	0.00	-0.53	9.49	4.38	24.2308	0.0000	24.5847	23.7499	23.8647
CH-G2	5yr-6hr-10%	1522.14	0.00	-0.53	9.82	4.92	1.6600	0.0000	2.2458	1.2380	1.2613
CH-G2	5yr-6hr-90%	1291.42	0.00	-0.54	9.58	4.52	6.2707	0.0000	6.4963	5.9613	6.0383

Link: CH-S1

Scenario: EC
Type: Channel
From Node: N-OFF-S1
To Node: N-S1
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S1	100-12hr-10%	2858.72	0.00	21.51	11.75	17.06	1.2294	0.0000	0.3123	1.2296	1.0206
CH-S1	100-12hr-90%	2241.09	0.00	2.01	11.08	11.36	12.0943	0.0000	4.3573	12.0950	12.0531
CH-S1	100-1hr-10%	1595.21	0.00	21.51	10.20	13.70	0.7043	0.0000	0.2651	0.7044	0.6905
CH-S1	100-1hr-90%	2504.40	0.00	21.77	11.39	16.42	1.2634	0.0000	0.8270	1.2636	1.2660
CH-S1	100-24hr-10%	2576.83	0.00	21.55	11.46	15.91	1.2709	0.0000	0.3349	1.2711	0.9502
CH-S1	100-24hr-90%	2445.79	0.00	0.44	11.32	11.57	24.0836	0.0000	22.3346	24.0842	24.0338
CH-S1	100-6hr-10%	3056.13	0.00	21.56	11.94	17.76	1.1237	0.0000	0.3102	1.1240	1.0745
CH-S1	100-6hr-90%	2203.89	0.00	8.51	11.04	11.28	6.0682	0.0000	2.1996	6.0691	6.0060
CH-S1	10yr-12hr-10%	1436.77	0.00	21.95	9.93	12.27	1.3883	0.0000	0.4305	1.3893	0.9206
CH-S1	10yr-12hr-90%	1240.21	0.00	-0.53	9.57	10.11	12.1010	0.0000	12.3212	12.1017	12.0532
CH-S1	10yr-1hr-10%	920.70	0.00	21.69	8.86	11.58	0.7619	0.0000	0.3219	0.7621	0.3218
CH-S1	10yr-1hr-90%	1495.72	0.00	21.79	10.03	13.36	1.2737	0.0000	0.9000	1.2739	1.2751
CH-S1	10yr-24hr-10%	1214.83	0.00	22.17	9.52	11.67	1.6374	0.0000	0.4761	1.6409	0.4759
CH-S1	10yr-24hr-90%	1307.67	0.00	-0.46	9.70	10.22	24.0869	0.0000	24.3395	24.0877	24.0333
CH-S1	10yr-6hr-10%	1627.52	0.00	21.85	10.25	13.06	1.2089	0.0000	0.4100	1.2094	0.9153
CH-S1	10yr-6hr-90%	1268.47	0.00	5.19	9.62	10.12	6.0771	0.0000	2.9599	6.0778	6.0021
CH-S1	25yr-12hr-10%	1952.72	0.00	21.78	10.72	13.96	1.3071	0.0000	0.3726	1.3081	0.9111
CH-S1	25yr-12hr-90%	1610.78	0.00	-0.64	10.22	10.64	12.0978	0.0000	12.3653	12.0982	12.0537
CH-S1	25yr-1hr-10%	1180.76	0.00	21.51	9.45	12.30	0.7323	0.0000	0.2947	0.7326	0.6971
CH-S1	25yr-1hr-90%	1891.70	0.00	21.77	10.64	14.68	1.2693	0.0000	0.8677	1.2694	1.2721
CH-S1	25yr-24hr-10%	1701.80	0.00	21.86	10.36	12.84	1.3470	0.0000	0.4058	1.3472	0.8950
CH-S1	25yr-24hr-90%	1727.59	0.00	-0.61	10.40	10.80	24.0853	0.0000	24.4137	24.0860	24.0314
CH-S1	25yr-6hr	2159.08	0.00	21.82	10.99	14.99	1.1711	0.0000	0.3620	1.1719	0.9413

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	-10%										
CH-S1	25yr-6hr-90%	1622.54	0.00	6.37	10.24	10.62	6.0720	0.0000	2.6140	6.0730	6.0100
CH-S1	2yr-12hr-10%	679.86	0.00	22.60	8.17	14.08	1.5693	0.0000	0.6179	1.5702	0.6226
CH-S1	2yr-12hr-90%	663.31	0.00	-0.58	8.11	8.92	12.1083	0.0000	12.3189	12.1089	12.0536
CH-S1	2yr-1hr-10%	527.47	0.00	22.00	7.62	11.65	0.8653	0.0000	0.3964	0.8655	0.3962
CH-S1	2yr-1hr-90%	868.44	0.00	21.98	8.72	11.63	1.2863	0.0000	0.9703	1.2864	0.9701
CH-S1	2yr-24hr-10%	549.02	0.00	22.75	7.70	14.10	1.7688	0.0000	0.7078	1.7699	0.7140
CH-S1	2yr-24hr-90%	684.47	0.00	-0.57	8.18	8.97	24.0940	0.0000	24.3148	24.0951	24.0360
CH-S1	2yr-6hr-10%	812.43	0.00	22.39	8.57	11.74	1.3107	0.0000	0.5561	1.3115	0.5559
CH-S1	2yr-6hr-90%	697.38	0.00	4.48	8.22	9.00	6.0920	0.0000	3.7773	6.0929	6.0131
CH-S1	50-12hr-10%	2394.10	0.00	21.64	11.26	15.52	1.2628	0.0000	0.3389	1.2639	0.9444
CH-S1	50-12hr-90%	1920.02	0.00	1.24	10.67	11.02	12.0961	0.0000	4.6556	12.0968	12.0530
CH-S1	50-1hr-10%	1384.87	0.00	21.56	9.84	12.94	0.7171	0.0000	0.2786	0.7173	0.6886
CH-S1	50-1hr-90%	2195.76	0.00	21.77	11.03	15.58	1.2669	0.0000	0.8464	1.2671	1.2669
CH-S1	50-24hr-10%	2108.05	0.00	21.83	10.92	14.32	1.3023	0.0000	0.3675	1.3031	0.9100
CH-S1	50-24hr-90%	2063.43	0.00	-0.75	10.87	11.19	24.0842	0.0000	24.1015	24.1012	24.0332
CH-S1	50-6hr-10%	2595.84	0.00	21.57	11.48	16.42	1.1461	0.0000	0.3335	1.1466	0.9876
CH-S1	50-6hr-90%	1907.54	0.00	7.44	10.66	10.96	6.0696	0.0000	2.3921	6.0710	6.0040
CH-S1	5yr-12hr-10%	1086.74	0.00	22.17	9.25	11.70	1.4538	0.0000	0.4920	1.4545	0.4919
CH-S1	5yr-12hr-90%	980.19	0.00	-0.66	9.00	9.64	12.1031	0.0000	12.3092	12.1041	12.0539
CH-S1	5yr-1hr-10%	742.64	0.00	21.76	8.36	11.60	0.7969	0.0000	0.3479	0.7970	0.3478
CH-S1	5yr-1hr-90%	1217.07	0.00	21.89	9.52	12.41	1.2784	0.0000	0.9273	1.2785	1.2822
CH-S1	5yr-24hr-10%	903.79	0.00	22.39	8.81	11.74	1.6955	0.0000	0.5511	1.6965	0.5508

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S1	5yr-24hr-90%	1022.17	0.00	-0.69	9.10	9.73	24.0891	0.0000	24.3112	24.0917	24.0346
CH-S1	5yr-6hr-10%	1259.05	0.00	22.06	9.60	12.06	1.2440	0.0000	0.4590	1.2446	0.9476
CH-S1	5yr-6hr-90%	1016.15	0.00	4.61	9.09	9.69	6.0836	0.0000	3.2720	6.0855	6.0000

Link: CH-S6
 Scenario: EC
 Type: Channel
 From Node: N-S1
 To Node: N-S6-OUT
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S6	100-12hr-10%	3187.49	0.00	2.53	13.18	37.73	1.3020	0.0000	0.4407	1.3033	1.3020
CH-S6	100-12hr-90%	2478.24	0.00	2.56	12.52	29.34	12.1271	0.0000	6.2391	12.1350	12.1271
CH-S6	100-1hr-10%	1694.38	0.00	-2.69	11.57	20.06	0.8436	0.0000	1.7493	0.8474	0.8436
CH-S6	100-1hr-90%	2528.34	0.00	2.58	12.57	29.93	1.3373	0.0000	0.9554	1.3382	1.3373
CH-S6	100-24hr-10%	2868.03	0.00	2.53	12.90	33.95	1.3508	0.0000	0.4688	1.3512	1.3508
CH-S6	100-24hr-90%	2705.39	0.00	2.62	12.75	32.02	24.1156	0.0000	17.0908	24.1240	24.1156
CH-S6	100-6hr-10%	3395.34	0.00	2.58	13.36	40.19	1.1951	0.0000	0.4358	1.1959	1.1951
CH-S6	100-6hr-90%	2445.95	0.00	-2.54	12.48	28.95	6.0975	0.0000	6.9822	6.1054	6.0975
CH-S6	10yr-12hr-10%	1598.42	0.00	-2.71	11.43	18.92	1.4923	0.0000	4.1166	1.4965	1.4923
CH-S6	10yr-12	1364.74	0.00	2.61	11.06	16.15	12.1469	0.0000	8.5092	12.1496	12.1469

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	hr-90%										
CH-S6	10yr-1hr-10%	978.80	0.00	-2.88	10.31	12.72	0.9196	0.0000	1.6350	0.9314	0.9293
CH-S6	10yr-1hr-90%	1450.37	0.00	-2.79	11.20	17.17	1.3656	0.0000	1.9787	1.3668	1.3656
CH-S6	10yr-24hr-10%	1357.32	0.00	-2.65	11.04	16.07	1.6798	0.0000	6.0410	1.7084	1.6798
CH-S6	10yr-24hr-90%	1439.66	0.00	-2.64	11.18	17.04	24.1295	0.0000	24.8650	24.1386	24.1295
CH-S6	10yr-6hr-10%	1797.31	0.00	-2.62	11.71	21.28	1.3067	0.0000	2.8771	1.3097	1.3067
CH-S6	10yr-6hr-90%	1400.71	0.00	-2.70	11.12	16.58	6.1158	0.0000	6.8569	6.1280	6.1158
CH-S6	25yr-12hr-10%	2174.97	0.00	-2.78	12.18	25.75	1.3946	0.0000	4.2190	1.4113	1.3946
CH-S6	25yr-12hr-90%	1776.88	0.00	2.63	11.68	21.03	12.1330	0.0000	7.6942	12.1434	12.1330
CH-S6	25yr-1hr-10%	1253.75	0.00	-2.71	10.86	14.84	0.8908	0.0000	1.6881	0.8951	0.8908
CH-S6	25yr-1hr-90%	1869.60	0.00	2.58	11.81	22.13	1.3489	0.0000	0.9979	1.3538	1.3489
CH-S6	25yr-24hr-10%	1895.43	0.00	-2.59	11.84	22.44	1.4987	0.0000	6.4850	1.5067	1.4987
CH-S6	25yr-24hr-90%	1906.51	0.00	2.62	11.86	22.57	24.1227	0.0000	18.3880	24.1315	24.1227
CH-S6	25yr-6hr-10%	2391.39	0.00	-2.70	12.43	28.31	1.2482	0.0000	2.9509	1.2582	1.2482
CH-S6	25yr-6hr-90%	1796.37	0.00	-2.61	11.71	21.26	6.1142	0.0000	6.9133	6.1169	6.1142
CH-S6	2yr-12hr-10%	754.05	0.00	-2.72	9.75	11.46	1.7105	0.0000	3.6745	1.7172	1.7105
CH-S6	2yr-12hr-90%	724.96	0.00	-2.74	9.66	11.28	12.1658	0.0000	12.7026	12.1686	12.1697
CH-S6	2yr-1hr-10%	557.08	0.00	-2.79	9.13	10.16	0.9928	0.0000	1.4973	1.0044	1.0044
CH-S6	2yr-1hr-90%	806.79	0.00	-2.78	9.89	11.78	1.3903	0.0000	1.8537	1.3954	1.3948
CH-S6	2yr-24hr-10%	608.21	0.00	-2.58	9.30	10.52	1.9174	0.0000	4.8055	1.9249	1.9249
CH-S6	2yr-24hr-90%	748.96	0.00	-3.03	9.73	11.43	24.1537	0.0000	24.7058	24.1563	24.1552
CH-S6	2yr-6hr-10%	890.24	0.00	-2.71	10.10	12.25	1.4241	0.0000	2.6536	1.4387	1.4387
CH-S6	2yr-6hr-90%	763.97	0.00	-2.81	9.77	11.52	6.1511	0.0000	6.7113	6.1541	6.1552

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S6	50-12hr-10%	2667.94	0.00	-2.72	12.71	31.58	1.3503	0.0000	4.2773	1.3551	1.3503
CH-S6	50-12hr-90%	2120.91	0.00	2.66	12.12	25.11	12.1290	0.0000	6.9767	12.1413	12.1290
CH-S6	50-1hr-10%	1470.25	0.00	2.64	11.23	17.40	0.8583	0.0000	0.4063	0.8687	0.8583
CH-S6	50-1hr-90%	2195.45	0.00	2.58	12.21	25.99	1.3443	0.0000	0.9755	1.3453	1.3443
CH-S6	50-24hr-10%	2345.55	0.00	-2.64	12.38	27.76	1.4116	0.0000	6.7472	1.4159	1.4116
CH-S6	50-24hr-90%	2280.03	0.00	2.61	12.30	26.99	24.1186	0.0000	17.7448	24.1275	24.1186
CH-S6	50-6hr-10%	2880.00	0.00	-2.65	12.91	34.09	1.2244	0.0000	2.9962	1.2274	1.2244
CH-S6	50-6hr-90%	2114.83	0.00	-2.55	12.11	25.03	6.1008	0.0000	6.9499	6.1126	6.1008
CH-S6	5yr-12hr-10%	1207.00	0.00	-2.80	10.77	14.29	1.5695	0.0000	3.9930	1.5744	1.5695
CH-S6	5yr-12hr-90%	1076.02	0.00	-2.61	10.52	13.22	12.1538	0.0000	12.8008	12.1565	12.1538
CH-S6	5yr-1hr-10%	789.44	0.00	-2.80	9.84	11.68	0.9493	0.0000	1.5858	0.9602	0.9590
CH-S6	5yr-1hr-90%	1160.91	0.00	-2.81	10.69	13.74	1.3738	0.0000	1.9326	1.3782	1.3738
CH-S6	5yr-24hr-10%	1005.89	0.00	2.65	10.37	12.86	1.7760	0.0000	0.7553	1.7910	1.7814
CH-S6	5yr-24hr-90%	1122.72	0.00	2.62	10.61	13.44	24.1344	0.0000	20.1109	24.1456	24.1344
CH-S6	5yr-6hr-10%	1386.50	0.00	2.63	11.09	16.41	1.3469	0.0000	0.6303	1.3575	1.3469
CH-S6	5yr-6hr-90%	1119.02	0.00	2.55	10.60	13.42	6.1354	0.0000	4.1273	6.1379	6.1379

Link: CH-S7A

Scenario: EC
 Type: Channel
 From Node: N-S7-A
 To Node: N-S7-OUT
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A	100-12hr-r-10%	543.49	0.00	-96.56	9.95	13.57	1.6268	0.0000	2.3395	1.6291	2.2794
CH-S7A	100-12hr-r-90%	487.79	0.00	-71.04	9.68	15.18	12.0191	0.0000	12.2267	12.0191	12.0313
CH-S7A	100-1hr-10%	174.81	0.00	0.05	5.60	9.33	1.1440	0.0000	0.7908	1.1598	1.1598
CH-S7A	100-1hr-90%	196.35	0.00	-0.09	5.86	9.66	1.6009	0.0000	1.7507	1.6023	1.6023
CH-S7A	100-24hr-r-10%	494.81	0.00	53.28	9.72	13.57	1.7116	0.0000	1.2475	1.7143	2.5349
CH-S7A	100-24hr-r-90%	525.46	0.00	54.10	9.87	15.18	24.1036	0.0000	23.6896	24.1061	23.6762
CH-S7A	100-6hr-10%	547.53	0.00	103.23	9.97	13.57	1.4376	0.0000	1.8336	1.4384	1.8282
CH-S7A	100-6hr-90%	488.18	0.00	88.80	9.69	14.97	5.8476	0.0000	5.8476	5.8476	6.0262
CH-S7A	10yr-12hr-10%	243.17	0.00	0.11	6.36	10.33	1.9649	0.0000	1.4040	1.9924	1.9924
CH-S7A	10yr-12hr-90%	235.29	0.00	0.10	6.28	10.23	12.1245	0.0000	11.5040	12.1377	12.1377
CH-S7A	10yr-1hr-10%	82.75	0.00	-0.06	4.40	7.73	1.2090	0.0000	1.7956	1.2291	1.2291
CH-S7A	10yr-1hr-90%	86.43	0.00	0.06	4.47	7.82	1.6765	0.0000	0.1430	1.6865	1.6884
CH-S7A	10yr-24hr-r-10%	211.92	0.00	0.12	6.03	9.90	2.2334	0.0000	1.6880	2.2384	2.2384
CH-S7A	10yr-24hr-r-90%	258.14	0.00	-0.11	6.51	10.53	24.1257	0.0000	24.6003	24.1273	24.1273
CH-S7A	10yr-6hr-10%	248.95	0.00	0.10	6.42	10.41	1.6752	0.0000	1.2404	1.6874	1.6874
CH-S7A	10yr-6hr-90%	225.55	0.00	0.10	6.18	10.09	6.1433	0.0000	5.7233	6.1487	6.1487
CH-S7A	25yr-12hr-10%	348.96	0.00	0.11	7.31	11.56	1.8489	0.0000	1.4369	1.8523	1.8523
CH-S7A	25yr-12hr-90%	320.90	0.00	-0.11	7.08	11.26	12.1166	0.0000	12.7168	12.1248	12.1248
CH-S7A	25yr-1hr-10%	116.33	0.00	-0.07	4.92	8.44	1.2012	0.0000	1.9541	1.2033	1.2121
CH-S7A	25yr-1hr-90%	125.71	0.00	0.06	5.04	8.61	1.6512	0.0000	0.1430	1.6528	1.6542
CH-S7A	25yr-24hr-10%	311.31	0.00	0.11	6.99	11.16	2.0951	0.0000	1.5615	2.1051	2.1051
CH-S7A	25yr-24hr-90%	354.97	0.00	-0.11	7.36	11.62	24.1148	0.0000	24.7534	24.1165	24.1165

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A	25yr-6hr -10%	354.72	0.00	-0.11	7.35	11.62	1.5797	0.0000	2.5236	1.5933	1.5933
CH-S7A	25yr-6hr -90%	307.66	0.00	0.11	6.96	11.12	6.1170	0.0000	5.2857	6.1271	6.1271
CH-S7A	2yr-12hr -10%	96.80	0.00	0.12	4.63	8.06	2.3886	0.0000	1.9216	2.4114	2.4314
CH-S7A	2yr-12hr -90%	104.85	0.00	0.07	4.75	8.22	12.1897	0.0000	11.1316	12.1921	12.1941
CH-S7A	2yr-1hr -10%	41.09	0.00	0.05	3.48	6.38	1.0148	0.0000	0.1036	1.0228	1.0297
CH-S7A	2yr-1hr -90%	37.37	0.00	0.06	3.37	6.20	1.7095	0.0000	0.1430	1.7193	1.7193
CH-S7A	2yr-24hr -10%	81.70	0.00	0.11	4.38	7.71	2.8769	0.0000	2.3276	2.8863	2.8942
CH-S7A	2yr-24hr -90%	116.48	0.00	0.07	4.92	8.44	24.1523	0.0000	23.7900	24.1692	24.1692
CH-S7A	2yr-6hr -10%	98.69	0.00	0.09	4.66	8.10	1.9501	0.0000	1.6326	1.9566	1.9671
CH-S7A	2yr-6hr -90%	96.12	0.00	0.07	4.62	8.04	6.2420	0.0000	6.0131	6.2469	6.2469
CH-S7A	50-12hr -10%	488.20	0.00	-91.02	9.69	15.06	1.7524	0.0000	1.5726	1.7524	1.6140
CH-S7A	50-12hr -90%	463.33	0.00	53.31	9.20	14.43	12.0987	0.0000	11.9947	12.0987	12.0867
CH-S7A	50-1hr -10%	144.43	0.00	0.05	5.26	8.90	1.1786	0.0000	0.8828	1.1805	1.1820
CH-S7A	50-1hr -90%	158.93	0.00	0.06	5.42	9.11	1.6191	0.0000	0.1430	1.6289	1.6302
CH-S7A	50-24hr -10%	461.96	0.00	53.30	9.17	13.62	2.0055	0.0000	1.6517	1.6721	1.8244
CH-S7A	50-24hr -90%	479.32	0.00	53.30	9.52	14.68	24.0151	0.0000	23.7036	24.0151	24.0058
CH-S7A	50-6hr -10%	488.19	0.00	-89.37	9.69	14.91	1.5655	0.0000	1.2956	1.5655	1.4795
CH-S7A	50-6hr -90%	375.74	0.00	-0.14	7.53	11.85	6.1094	0.0000	6.7726	6.1175	6.1175
CH-S7A	5yr-12hr -10%	173.60	0.00	0.11	5.58	9.31	2.1464	0.0000	1.5533	2.1499	2.1499
CH-S7A	5yr-12hr -90%	175.47	0.00	0.08	5.61	9.34	12.1421	0.0000	11.9576	12.1566	12.1566
CH-S7A	5yr-1hr -10%	62.06	0.00	0.05	4.00	7.15	1.2019	0.0000	0.0986	1.2258	1.2376
CH-S7A	5yr-1hr -90%	62.18	0.00	0.06	4.01	7.16	1.7118	0.0000	0.1430	1.7144	1.7144
CH-S7A	5yr-24hr	148.74	0.00	0.14	5.31	8.96	2.5502	0.0000	1.9413	2.5556	2.5602

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A	5yr-24hr -90%	192.86	0.00	0.11	5.82	9.61	24.1366	0.0000	23.8934	24.1385	24.1385
CH-S7A	5yr-6hr -10%	178.30	0.00	0.09	5.64	9.39	1.7697	0.0000	1.5614	1.7945	1.7945
CH-S7A	5yr-6hr -90%	166.71	0.00	0.09	5.51	9.21	6.1741	0.0000	5.9613	6.1763	6.1779

Link: CH-S7A1

Scenario: EC
 Type: Channel
 From Node: N-S2-DS
 To Node: N-S3-DS
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A 1	100-12hr -10%	33834.3 1	-256.44	-33834.31	550.06	325.35	0.8213	0.8213	0.8213	0.8213	0.8213
CH-S7A 1	100-12hr -90%	5405.74	-160.38	-5405.74	64.48	86.76	10.7382	10.5642	10.7382	10.7278	10.5641
CH-S7A 1	100-1hr -10%	154.34	-112.73	-2.13	3.17	-6.56	0.9004	0.0000	1.1881	0.7004	0.0001
CH-S7A 1	100-1hr -90%	7929.26	-246.45	-7929.26	130.56	104.99	1.4858	1.4150	1.4858	1.4858	1.4150
CH-S7A 1	100-24hr -10%	23666.61	-284.94	-23666.61	388.09	294.62	0.8958	0.9037	0.8958	0.8958	0.9037
CH-S7A 1	100-24hr -90%	4963.92	-160.09	-4963.92	82.08	79.76	22.0061	22.1320	22.0061	21.8306	22.0061
CH-S7A 1	100-6hr -10%	2953.43	-112.73	-2953.43	48.56	33.19	0.7788	0.0000	0.7789	0.7788	0.8096
CH-S7A 1	100-6hr -90%	9378.63	-194.25	-9378.63	155.58	91.42	4.9950	4.9951	4.9951	4.9950	4.9950
CH-S7A 1	10yr-12hr-10%	8290.66	-182.64	-8290.66	137.30	80.72	1.7120	1.7121	1.7121	1.7120	1.7120

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A1	10yr-12hr-90%	4388.42	-156.76	-4388.43	53.68	74.19	12.1095	12.1161	12.1096	12.1512	12.1095
CH-S7A1	10yr-1hr-10%	78.05	-112.73	1.84	2.39	-6.56	0.9674	0.0000	0.0161	0.8042	0.0001
CH-S7A1	10yr-1hr-90%	119.03	-112.73	1.84	3.41	-6.56	1.3171	0.0000	0.0161	1.2523	0.0001
CH-S7A1	10yr-24hr-10%	182.09	-112.73	42.87	3.28	-6.56	2.1974	0.0000	2.1974	2.1974	0.0001
CH-S7A1	10yr-24hr-90%	5042.21	-144.42	-5042.21	68.22	79.88	24.1583	24.2301	24.1584	23.8293	24.1583
CH-S7A1	10yr-6hr-10%	7087.12	-172.38	-7087.12	117.44	83.60	1.3255	1.3256	1.3255	1.3255	1.4215
CH-S7A1	10yr-6hr-90%	264.10	-112.73	187.47	4.47	-6.56	6.0976	0.0000	6.0970	6.0928	0.0001
CH-S7A1	25yr-12hr-10%	6043.65	-148.32	-6043.65	83.27	91.97	1.1967	1.1313	1.1967	1.1944	1.1967
CH-S7A1	25yr-12hr-90%	5096.21	-157.38	-5096.21	69.37	79.79	11.5797	11.3624	11.5797	11.5924	11.3624
CH-S7A1	25yr-1hr-10%	106.79	-112.73	1.84	2.72	-6.56	0.9343	0.0000	0.0161	0.7505	0.0001
CH-S7A1	25yr-1hr-90%	170.56	-112.73	1.84	3.79	-6.56	1.3417	0.0000	0.0161	1.2509	0.0001
CH-S7A1	25yr-24hr-10%	4969.04	-146.36	-4969.04	72.28	79.16	1.3635	3.0422	1.3635	1.4264	1.3635
CH-S7A1	25yr-24hr-90%	5215.47	-152.00	-5215.47	61.77	81.20	23.2426	22.9353	23.2427	23.2368	23.1426
CH-S7A1	25yr-6hr-10%	5985.76	-144.72	-5985.76	86.36	90.71	1.0662	1.0427	1.0663	1.0703	1.0662
CH-S7A1	25yr-6hr-90%	5311.03	-148.44	-5311.03	64.49	83.73	5.7243	5.5541	5.7243	5.7272	5.6608
CH-S7A1	2yr-12hr-10%	70.77	-112.73	1.84	2.19	-6.56	1.9517	0.0000	0.0161	1.4215	0.0001
CH-S7A1	2yr-12hr-90%	83.74	-112.73	1.84	2.20	-6.56	12.1188	0.0000	0.0161	12.1008	0.0001
CH-S7A1	2yr-1hr-10%	36.78	-112.73	1.84	-2.07	-6.56	1.0176	0.0000	0.0161	0.0001	0.0001
CH-S7A1	2yr-1hr-90%	53.71	-112.73	1.84	2.51	-6.56	1.3236	0.0000	0.0161	1.2863	0.0001
CH-S7A1	2yr-24hr-10%	57.86	-112.73	1.84	-2.07	-6.56	2.2862	0.0000	0.0161	0.0001	0.0001
CH-S7A1	2yr-24hr-90%	91.03	-112.73	1.84	2.26	-6.56	24.1116	0.0000	0.0161	24.0679	0.0001
CH-S7A1	2yr-6hr-10%	79.09	-112.73	1.84	2.39	-6.56	1.5345	0.0000	0.0161	1.2187	0.0001
CH-S7A1	2yr-6hr-90%	81.02	-112.73	1.84	2.20	-6.56	6.1182	0.0000	0.0161	6.0511	0.0001

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
1	90%										
CH-S7A1	50-12hr-10%	6020.30	-160.30	-6020.30	90.06	85.54	0.9964	0.9288	0.9965	0.9964	0.9287
CH-S7A1	50-12hr-90%	7490.36	-278.78	-7490.36	68.87	143.96	11.0660	11.0661	11.0661	11.0660	11.0660
CH-S7A1	50-1hr-10%	129.98	-112.73	1.84	2.96	-6.56	0.9174	0.0000	0.0161	0.7171	0.0001
CH-S7A1	50-1hr-90%	230.89	-112.73	5.94	4.87	-6.56	1.2308	0.0000	1.2304	1.2308	0.0001
CH-S7A1	50-24hr-10%	5452.08	-169.81	-5452.08	80.89	92.61	3.6931	3.6931	3.6931	1.0487	3.6931
CH-S7A1	50-24hr-90%	8075.30	-286.93	-8075.30	76.21	166.13	22.4678	22.4679	22.4679	22.4678	22.4678
CH-S7A1	50-6hr-10%	6015.29	-156.02	-6015.30	89.86	84.96	0.9232	0.8780	0.9232	0.9232	0.8779
CH-S7A1	50-6hr-90%	5452.18	-152.79	-5452.19	67.02	84.14	5.3979	5.2874	5.3979	5.3960	5.3979
CH-S7A1	5yr-12hr-10%	135.78	-112.73	21.20	2.73	-6.56	1.8994	0.0000	1.8994	1.8994	0.0001
CH-S7A1	5yr-12hr-90%	135.53	-112.73	1.84	2.65	-6.56	12.1306	0.0000	0.0161	12.1306	0.0001
CH-S7A1	5yr-1hr-10%	58.98	-112.73	1.84	2.14	-6.56	0.9848	0.0000	0.0161	0.8841	0.0001
CH-S7A1	5yr-1hr-90%	88.72	-112.73	1.84	3.08	-6.56	1.3181	0.0000	0.0161	1.2677	0.0001
CH-S7A1	5yr-24hr-10%	110.17	-112.73	-10.03	2.46	-6.56	2.1804	0.0000	2.1820	1.3067	0.0001
CH-S7A1	5yr-24hr-90%	147.44	-112.73	-3.65	2.74	-6.56	24.1194	0.0000	23.8148	24.1194	0.0001
CH-S7A1	5yr-6hr-10%	140.09	-112.73	12.86	2.89	-6.56	1.6121	0.0000	1.6121	1.1184	0.0001
CH-S7A1	5yr-6hr-90%	131.01	-112.73	1.84	2.63	-6.56	6.1169	0.0000	0.0161	6.0667	0.0001

Link: CH-S7A2

Scenario: EC
 Type: Channel
 From Node: N-S3-DS
 To Node: N-S5-DS
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A 2	100-12h r-10%	468.63	0.00	3.73	2.90	8.22	1.4987	0.0000	3.2005	1.4954	1.4300
CH-S7A 2	100-12h r-90%	415.36	0.00	1.19	2.75	8.25	12.0928	0.0000	10.5915	12.0964	12.1813
CH-S7A 2	100-1hr -10%	169.44	0.00	0.05	1.85	6.53	1.0020	0.0000	0.7908	1.0042	1.0151
CH-S7A 2	100-1hr -90%	221.71	0.00	3.81	2.09	7.52	1.4150	0.0000	1.4150	1.4150	1.4150
CH-S7A 2	100-24h r-10%	424.66	0.00	8.84	2.78	7.99	1.6514	0.0000	0.9037	1.6537	1.6969
CH-S7A 2	100-24h r-90%	462.85	0.00	2.29	2.89	8.46	24.0817	0.0000	22.1320	24.0852	24.1679
CH-S7A 2	100-6hr -10%	481.13	0.00	1.61	2.94	8.34	1.3057	0.0000	0.8096	1.3050	1.2715
CH-S7A 2	100-6hr -90%	393.47	0.00	1.41	2.69	8.11	6.0875	0.0000	6.5261	6.0909	6.1801
CH-S7A 2	10yr-12 hr-10%	210.28	0.00	0.70	2.04	6.59	1.8139	0.0000	1.7121	1.8139	1.7121
CH-S7A 2	10yr-12 hr-90%	211.68	0.00	2.29	2.05	6.91	12.1160	0.0000	12.1160	12.1160	12.2083
CH-S7A 2	10yr-1hr -10%	80.53	0.00	-0.04	1.32	5.27	1.0971	0.0000	0.0629	1.0983	1.1425
CH-S7A 2	10yr-1hr -90%	97.09	0.00	-0.05	1.44	5.88	1.4641	0.0000	0.1430	1.4652	1.5046
CH-S7A 2	10yr-24 hr-10%	180.89	0.00	0.08	1.90	6.28	2.1184	0.0000	1.3708	2.1278	2.2055
CH-S7A 2	10yr-24 hr-90%	229.56	0.00	0.92	2.12	7.09	24.1275	0.0000	23.9365	24.1275	24.1924
CH-S7A 2	10yr-6hr -10%	222.21	0.00	1.30	2.09	6.78	1.5291	0.0000	1.5291	1.5291	1.5291
CH-S7A 2	10yr-6hr -90%	201.70	0.00	0.08	2.00	6.83	6.1313	0.0000	5.5183	6.1316	6.2075
CH-S7A 2	25yr-12 hr-10%	300.93	0.00	1.04	2.39	7.28	1.6831	0.0000	2.5832	1.6992	1.6831
CH-S7A 2	25yr-12 hr-90%	284.15	0.00	0.81	2.33	7.52	12.1127	0.0000	11.6072	12.1164	12.2008
CH-S7A 2	25yr-1hr -10%	113.53	0.00	-0.04	1.54	5.82	1.0555	0.0000	0.0629	1.0573	1.0381
CH-S7A 2	25yr-1hr -90%	141.59	0.00	-0.05	1.70	6.57	1.4394	0.0000	0.1430	1.4396	1.4396
CH-S7A 2	25yr-24 hr-10%	265.63	0.00	1.80	2.26	7.02	1.8933	0.0000	1.4345	1.8908	1.7883
CH-S7A 2	25yr-24 hr-90%	313.95	0.00	1.08	2.44	7.71	24.1033	0.0000	23.2552	24.1073	24.1947

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A 2	25yr-6hr -10%	313.58	0.00	1.21	2.43	7.44	1.4500	0.0000	2.0328	1.4525	1.4543
CH-S7A 2	25yr-6hr -90%	272.72	0.00	0.90	2.29	7.42	6.1080	0.0000	6.3482	6.1113	6.2007
CH-S7A 2	2yr-12hr -10%	83.38	0.00	0.06	1.34	4.99	2.1813	0.0000	1.8458	2.1860	2.1860
CH-S7A 2	2yr-12hr -90%	95.57	0.00	0.06	1.43	5.52	12.1520	0.0000	11.9479	12.1540	12.2372
CH-S7A 2	2yr-1hr-10%	65.32	0.00	-0.05	1.20	4.58	0.0000	0.0000	0.0986	0.0000	0.0000
CH-S7A 2	2yr-1hr-90%	65.32	0.00	-0.05	1.20	4.58	0.0000	0.0000	0.1430	0.0000	0.0000
CH-S7A 2	2yr-24hr -10%	69.23	0.00	0.06	1.23	4.69	2.6496	0.0000	2.0287	2.6552	2.7235
CH-S7A 2	2yr-24hr -90%	104.98	0.00	0.06	1.49	5.65	24.1363	0.0000	23.7900	24.1384	24.2272
CH-S7A 2	2yr-6hr-10%	88.83	0.00	-0.05	1.38	5.17	1.7395	0.0000	0.1430	1.7471	1.6951
CH-S7A 2	2yr-6hr-90%	90.58	0.00	0.06	1.39	5.46	6.1679	0.0000	5.8081	6.1693	6.2424
CH-S7A 2	50-12hr -10%	382.32	0.00	1.54	2.65	7.77	1.6017	0.0000	0.9893	1.6040	1.4829
CH-S7A 2	50-12hr -90%	348.20	0.00	5.40	2.55	7.91	12.1033	0.0000	11.0660	12.1063	12.1916
CH-S7A 2	50-1hr-10%	140.66	0.00	-0.04	1.70	6.20	1.0277	0.0000	0.0629	1.0306	1.0205
CH-S7A 2	50-1hr-90%	178.56	0.00	-0.05	1.89	7.04	1.4232	0.0000	0.1430	1.4234	1.4234
CH-S7A 2	50-24hr -10%	338.32	0.00	1.61	2.52	7.52	1.7646	0.0000	1.1287	1.7646	1.7355
CH-S7A 2	50-24hr -90%	383.69	0.00	5.66	2.66	8.09	24.0924	0.0000	22.4678	24.0962	24.1771
CH-S7A 2	50-6hr-10%	394.30	0.00	1.23	2.69	7.93	1.3748	0.0000	0.8745	1.3748	1.3190
CH-S7A 2	50-6hr-90%	331.33	0.00	0.61	2.49	7.79	6.0988	0.0000	6.4540	6.1035	6.1921
CH-S7A 2	5yr-12hr -10%	149.77	0.00	0.08	1.75	5.96	1.9336	0.0000	1.5041	1.9501	1.9247
CH-S7A 2	5yr-12hr -90%	157.54	0.00	0.07	1.79	6.37	12.1293	0.0000	11.9576	12.1328	12.2194
CH-S7A 2	5yr-1hr-10%	65.32	0.00	-0.05	1.20	4.82	0.0000	0.0000	0.0986	0.0000	1.1762
CH-S7A 2	5yr-1hr-90%	68.82	0.00	-0.05	1.23	5.29	1.4864	0.0000	0.1430	1.4867	1.4867
CH-S7A 2	5yr-24hr	126.81	0.00	0.07	1.62	5.66	2.2695	0.0000	1.9786	2.2707	2.2695

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
2	-10%										
CH-S7A 2	5yr-24hr -90%	171.76	0.00	0.07	1.86	6.52	24.1178	0.0000	23.6533	24.1214	24.2092
CH-S7A 2	5yr-6hr-10%	159.41	0.00	0.07	1.80	6.14	1.6049	0.0000	1.2512	1.6055	1.5614
CH-S7A 2	5yr-6hr-90%	151.92	0.00	0.07	1.76	6.31	6.1334	0.0000	5.9613	6.1354	6.2200

Link: CH-S7B

Scenario: EC
 Type: Channel
 From Node: N-S7-B
 To Node: N-S7-OUT
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B	100-12hr-10%	196.42	0.00	0.04	5.80	14.77	1.1531	0.0000	0.6128	1.1549	1.1549
CH-S7B	100-12hr-90%	168.21	0.00	0.06	5.46	14.19	12.0426	0.0000	11.4849	12.0508	12.0508
CH-S7B	100-1hr-10%	88.29	0.00	-0.05	4.24	11.89	0.7675	0.0000	1.0220	0.7882	0.7882
CH-S7B	100-1hr-90%	159.57	0.00	0.06	5.35	13.99	1.1957	0.0000	1.0592	1.2001	1.2001
CH-S7B	100-24hr-10%	175.95	0.00	0.04	5.55	14.35	1.1938	0.0000	0.6701	1.1959	1.1959
CH-S7B	100-24hr-90%	184.92	0.00	-0.06	5.66	14.54	24.0308	0.0000	24.3276	24.0409	24.0409
CH-S7B	100-6hr-10%	210.96	0.00	0.05	5.96	15.04	1.0449	0.0000	0.5873	1.0456	1.0456
CH-S7B	100-6hr-90%	160.28	0.00	0.06	5.36	14.00	6.0395	0.0000	4.9050	6.0408	6.0419
CH-S7B	10yr-12hr-10%	91.28	0.00	-0.03	4.30	12.01	1.4043	0.0000	2.4213	1.4362	1.4362

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B	10yr-12hr-90%	88.75	0.00	-0.04	4.25	11.91	12.0620	0.0000	12.3212	12.0660	12.0660
CH-S7B	10yr-1hr-10%	45.62	0.00	-0.04	3.28	9.70	0.8908	0.0000	1.2130	0.9056	0.9118
CH-S7B	10yr-1hr-90%	74.67	0.00	-0.04	3.98	11.31	1.2439	0.0000	1.4284	1.2450	1.2450
CH-S7B	10yr-24hr-10%	77.53	0.00	-0.04	4.03	11.44	1.6363	0.0000	2.3211	1.6704	1.6704
CH-S7B	10yr-24hr-90%	95.15	0.00	0.03	4.37	12.16	24.0420	0.0000	23.4479	24.0538	24.0538
CH-S7B	10yr-6hr-10%	102.59	0.00	0.05	4.50	12.37	1.1976	0.0000	1.0084	1.2173	1.2173
CH-S7B	10yr-6hr-90%	87.39	0.00	-0.06	4.23	11.86	6.0538	0.0000	6.2961	6.0555	6.0555
CH-S7B	25yr-12hr-10%	128.96	0.00	0.05	4.92	13.20	1.3175	0.0000	0.8427	1.3215	1.3215
CH-S7B	25yr-12hr-90%	118.17	0.00	-0.07	4.76	12.88	12.0477	0.0000	12.2467	12.0576	12.0576
CH-S7B	25yr-1hr-10%	61.85	0.00	-0.05	3.69	10.68	0.8624	0.0000	1.0471	0.8694	0.8694
CH-S7B	25yr-1hr-90%	106.53	0.00	0.05	4.57	12.51	1.2228	0.0000	1.1516	1.2238	1.2238
CH-S7B	25yr-24hr-10%	111.76	0.00	-0.07	4.66	12.68	1.5959	0.0000	2.3249	1.6000	1.6000
CH-S7B	25yr-24hr-90%	128.33	0.00	-0.08	4.91	13.18	24.0449	0.0000	24.2422	24.0479	24.0479
CH-S7B	25yr-6hr-10%	142.24	0.00	0.06	5.11	13.56	1.1277	0.0000	0.7535	1.1303	1.1327
CH-S7B	25yr-6hr-90%	114.97	0.00	-0.07	4.71	12.78	6.0461	0.0000	6.2331	6.0476	6.0519
CH-S7B	2yr-12hr-10%	38.52	0.00	0.03	3.07	9.18	1.7839	0.0000	1.2386	1.7914	1.7914
CH-S7B	2yr-12hr-90%	43.37	0.00	-0.04	3.21	9.54	12.0818	0.0000	12.3374	12.0872	12.0872
CH-S7B	2yr-1hr-10%	21.74	0.00	0.02	2.45	7.62	0.9753	0.0000	0.6380	0.9906	0.9906
CH-S7B	2yr-1hr-90%	30.92	0.00	0.03	2.81	8.53	1.2878	0.0000	1.2402	1.2980	1.2980
CH-S7B	2yr-24hr-10%	31.19	0.00	0.03	2.82	8.56	2.1534	0.0000	1.7339	2.1830	2.1830
CH-S7B	2yr-24hr-90%	46.09	0.00	-0.04	3.29	9.73	24.0694	0.0000	24.3148	24.0753	24.0753
CH-S7B	2yr-6hr-10%	44.51	0.00	-0.04	3.25	9.62	1.4183	0.0000	2.0306	1.4220	1.4220
CH-S7B	2yr-6hr-90%	43.46	0.00	-0.04	3.22	9.55	6.0758	0.0000	6.3348	6.0782	6.0844

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	90%										
CH-S7B	50-12hr -10%	161.51	0.00	-0.11	5.37	14.03	1.2432	0.0000	1.9331	1.2478	1.2478
CH-S7B	50-12hr -90%	142.73	0.00	-0.06	5.12	13.57	12.0523	0.0000	12.2758	12.0536	12.0536
CH-S7B	50-1hr-10%	74.74	0.00	-0.06	3.98	11.32	0.8290	0.0000	1.0411	0.8313	0.8332
CH-S7B	50-1hr-90%	132.37	0.00	-0.07	4.97	13.30	1.2066	0.0000	1.3509	1.2112	1.2112
CH-S7B	50-24hr -10%	140.42	0.00	-0.06	5.09	13.51	1.2628	0.0000	2.9331	1.2665	1.2797
CH-S7B	50-24hr -90%	154.82	0.00	0.05	5.29	13.88	24.0419	0.0000	23.0642	24.0434	24.0434
CH-S7B	50-6hr-10%	175.61	0.00	0.06	5.55	14.35	1.0804	0.0000	0.6565	1.0848	1.0848
CH-S7B	50-6hr-90%	137.19	0.00	-0.06	5.04	13.43	6.0416	0.0000	6.2603	6.0432	6.0445
CH-S7B	5yr-12hr -10%	66.42	0.00	-0.03	3.80	10.92	1.5401	0.0000	2.1829	1.5709	1.5709
CH-S7B	5yr-12hr -90%	68.18	0.00	-0.05	3.84	11.00	12.0684	0.0000	12.3092	12.0716	12.0716
CH-S7B	5yr-1hr-10%	34.77	0.00	0.03	2.95	8.87	0.9327	0.0000	0.7474	0.9353	0.9353
CH-S7B	5yr-1hr-90%	53.99	0.00	0.03	3.50	10.23	1.2562	0.0000	1.1030	1.2649	1.2649
CH-S7B	5yr-24hr -10%	55.00	0.00	-0.03	3.53	10.29	1.7435	0.0000	4.1414	1.7487	1.7487
CH-S7B	5yr-24hr -90%	72.62	0.00	-0.05	3.93	11.22	24.0573	0.0000	24.3112	24.0593	24.0593
CH-S7B	5yr-6hr-10%	75.77	0.00	-0.04	4.00	11.36	1.2790	0.0000	1.6073	1.2822	1.2822
CH-S7B	5yr-6hr-90%	67.84	0.00	-0.05	3.83	10.99	6.0614	0.0000	6.2983	6.0631	6.0631

Link: CH-S7B1
 Scenario: EC
 Type: Channel
 From Node: N-SS-DS
 To Node: N-S7-A
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B1	100-12hr r-10%	547.76	0.00	0.05	9.58	13.59	1.5366	0.0000	1.2898	1.5366	1.5388
CH-S7B1	100-12hr r-90%	481.48	0.00	0.09	9.26	12.90	12.0582	0.0000	9.9009	12.0592	12.0582
CH-S7B1	100-1hr -10%	184.65	0.00	-0.06	7.10	9.11	0.9618	0.0000	1.1279	0.9620	0.9189
CH-S7B1	100-1hr -90%	211.29	0.00	-0.07	7.38	9.52	1.4787	0.0000	0.1430	1.4790	1.4506
CH-S7B1	100-24hr r-10%	497.36	0.00	0.02	9.34	13.07	1.6085	0.0000	0.9037	1.6087	1.6172
CH-S7B1	100-24hr r-90%	535.52	0.00	0.09	9.53	13.46	24.0461	0.0000	20.6185	24.0474	24.0443
CH-S7B1	100-6hr -10%	555.43	0.00	0.10	9.62	13.66	1.3289	0.0000	1.1564	1.3289	1.3206
CH-S7B1	100-6hr -90%	457.16	0.00	0.09	9.14	12.64	6.0523	0.0000	4.6503	6.0547	6.0513
CH-S7B1	10yr-12hr -10%	246.29	0.00	-0.08	7.71	9.70	1.8267	0.0000	2.6746	1.8277	1.4626
CH-S7B1	10yr-12hr -90%	242.75	0.00	0.09	7.68	7.40	12.0574	0.0000	11.3305	12.0580	12.0364
CH-S7B1	10yr-1hr -10%	87.13	0.00	-0.05	5.68	6.84	1.0834	0.0000	0.0875	1.0841	0.0001
CH-S7B1	10yr-1hr -90%	94.58	0.00	-0.07	5.83	7.29	1.0907	0.0000	0.1430	1.0909	1.0924
CH-S7B1	10yr-24hr -10%	214.38	0.00	0.09	7.41	9.07	2.0735	0.0000	1.3708	2.0754	1.5178
CH-S7B1	10yr-24hr -90%	264.90	0.00	0.09	7.87	7.64	24.0539	0.0000	22.6629	24.0546	24.0355
CH-S7B1	10yr-6hr -10%	254.95	0.00	-0.07	7.78	10.04	1.5452	0.0000	2.3374	1.5456	1.4006
CH-S7B1	10yr-6hr -90%	234.13	0.00	0.09	7.60	7.33	6.0590	0.0000	5.5183	6.0597	6.0347
CH-S7B1	25yr-12hr -10%	351.58	0.00	-0.09	8.51	11.38	1.6913	0.0000	2.5448	1.6936	1.6913
CH-S7B1	25yr-12hr -90%	329.92	0.00	0.09	8.36	11.09	12.0539	0.0000	10.7023	12.0542	12.0552
CH-S7B1	25yr-1hr -10%	123.00	0.00	-0.05	6.30	6.87	1.0669	0.0000	0.0750	1.0672	0.4357
CH-S7B1	25yr-1hr -90%	136.49	0.00	-0.07	6.50	7.99	1.5158	0.0000	0.1430	1.5161	1.0939
CH-S7B1	25yr-24hr -10%	312.65	0.00	-0.08	8.24	10.72	1.9894	0.0000	2.5507	1.9937	1.6329
CH-S7B1	25yr-24hr -90%	363.13	0.00	0.09	8.58	11.53	24.0595	0.0000	21.6590	24.0602	24.0608

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B1	25yr-6hr-10%	361.47	0.00	-0.07	8.57	11.51	1.4430	0.0000	2.5234	1.4435	1.4456
CH-S7B1	25yr-6hr-90%	316.48	0.00	0.09	8.27	10.91	6.0543	0.0000	5.1232	6.0546	6.0521
CH-S7B1	2yr-12hr-10%	98.67	0.00	0.07	5.90	6.84	2.1595	0.0000	1.7706	2.1618	0.0001
CH-S7B1	2yr-12hr-90%	111.24	0.00	-0.07	6.12	6.84	12.0674	0.0000	0.1430	12.0679	0.0001
CH-S7B1	2yr-1hr-10%	78.46	0.00	-0.06	5.51	6.84	0.0000	0.0000	0.0986	0.0001	0.0001
CH-S7B1	2yr-1hr-90%	78.46	0.00	-0.07	5.51	6.84	0.0000	0.0000	0.1430	0.0001	0.0001
CH-S7B1	2yr-24hr-10%	83.09	0.00	0.08	5.60	6.84	2.5863	0.0000	2.0287	2.5879	0.0001
CH-S7B1	2yr-24hr-90%	122.01	0.00	0.08	6.29	6.84	24.0615	0.0000	23.6627	24.0620	0.0001
CH-S7B1	2yr-6hr-10%	102.74	0.00	-0.07	5.97	6.84	1.7483	0.0000	0.1430	1.7495	0.0001
CH-S7B1	2yr-6hr-90%	104.17	0.00	-0.07	6.00	6.84	6.0766	0.0000	0.1430	6.0784	0.0001
CH-S7B1	50-12hr-10%	446.93	0.00	0.09	9.08	12.52	1.5916	0.0000	1.0471	1.5982	1.5916
CH-S7B1	50-12hr-90%	403.29	0.00	0.08	8.83	12.02	12.0564	0.0000	10.2747	12.0571	12.0564
CH-S7B1	50-1hr-10%	152.50	0.00	-0.05	6.71	8.51	1.0465	0.0000	0.0669	1.0474	0.8923
CH-S7B1	50-1hr-90%	172.60	0.00	-0.07	6.96	8.83	1.4960	0.0000	0.1430	1.4965	1.4174
CH-S7B1	50-24hr-10%	395.21	0.00	0.08	8.78	11.92	1.7997	0.0000	1.3949	1.8406	1.8406
CH-S7B1	50-24hr-90%	443.33	0.00	0.09	9.06	12.48	24.0543	0.0000	21.1094	24.0575	24.0564
CH-S7B1	50-6hr-10%	455.10	0.00	0.09	9.12	12.62	1.3954	0.0000	1.0057	1.4037	1.4051
CH-S7B1	50-6hr-90%	384.51	0.00	0.09	8.72	11.79	6.0548	0.0000	4.8560	6.0554	6.0696
CH-S7B1	5yr-12hr-10%	176.07	0.00	0.09	7.00	8.45	1.9542	0.0000	1.5041	1.9557	1.4588
CH-S7B1	5yr-12hr-90%	183.02	0.00	0.08	7.08	6.84	12.0607	0.0000	11.9576	12.0612	0.0001
CH-S7B1	5yr-1hr-10%	78.46	0.00	-0.06	5.51	6.84	0.0000	0.0000	0.0986	0.0001	0.0001
CH-S7B1	5yr-1hr-90%	78.46	0.00	-0.07	5.51	6.84	0.0000	0.0000	0.1430	0.0001	0.0001
CH-S7B1	5yr-24hr	149.76	0.00	0.09	6.68	6.84	2.2837	0.0000	1.9413	2.2840	0.0001

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
1	-10%										
CH-S7B1	5yr-24hr-90%	198.95	0.00	0.09	7.25	6.84	24.0567	0.0000	23.6533	24.0587	0.0001
CH-S7B1	5yr-6hr-10%	184.07	0.00	-0.07	7.09	8.90	1.6007	0.0000	0.1430	1.6025	1.3810
CH-S7B1	5yr-6hr-90%	176.20	0.00	0.08	7.00	6.84	6.0643	0.0000	5.9613	6.0649	0.0001

Link: CH-S7B2

Scenario: EC
 Type: Channel
 From Node: N-OFF-S4
 To Node: N-S7-B
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B2	100-12hr-10%	198.09	0.00	0.98	6.29	19.77	1.0414	0.0000	0.2226	1.0416	1.0414
CH-S7B2	100-12hr-90%	171.40	0.00	-0.07	6.01	17.11	12.0169	0.0000	12.2357	12.0177	12.0169
CH-S7B2	100-1hr-10%	101.55	0.00	0.90	5.10	10.13	0.4993	0.0000	0.1709	0.4995	0.4993
CH-S7B2	100-1hr-90%	195.50	0.00	1.13	6.26	19.51	1.0719	0.0000	0.7555	1.0719	1.0719
CH-S7B2	100-24hr-10%	178.08	0.00	1.03	6.09	17.77	1.0734	0.0000	0.2484	1.0734	1.0734
CH-S7B2	100-24hr-90%	186.94	0.00	0.05	6.18	18.66	24.0051	0.0000	23.1418	24.0068	24.0051
CH-S7B2	100-6hr-10%	213.22	0.00	0.97	6.44	21.28	0.9119	0.0000	0.2206	0.9119	0.9119
CH-S7B2	100-6hr-90%	161.81	0.00	-0.07	5.91	16.15	6.0060	0.0000	6.2341	6.0076	6.0060
CH-S7B2	10yr-12hr-10%	92.65	0.00	-3.42	4.95	9.25	1.2816	0.0000	0.5964	1.2849	1.2816

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B 2	10yr-12hr-90%	91.53	0.00	-0.04	4.93	9.13	12.0188	0.0000	12.2966	12.0198	12.0188
CH-S7B 2	10yr-1hr-10%	51.67	0.00	-3.87	4.10	5.48	0.4769	0.0000	0.4439	0.4769	0.4777
CH-S7B 2	10yr-1hr-90%	104.71	0.00	1.14	5.15	10.45	1.1038	0.0000	0.8278	1.1039	1.1038
CH-S7B 2	10yr-24hr-10%	78.69	0.00	3.55	4.70	7.85	1.5471	0.0000	0.6974	1.5489	1.5471
CH-S7B 2	10yr-24hr-90%	97.16	0.00	0.04	5.03	9.70	24.0083	0.0000	22.6937	24.0095	24.0083
CH-S7B 2	10yr-6hr-10%	105.73	0.00	3.95	5.16	10.55	1.0413	0.0000	0.4767	1.0425	1.0413
CH-S7B 2	10yr-6hr-90%	89.26	0.00	-0.07	4.89	8.91	6.0114	0.0000	6.2961	6.0128	6.0114
CH-S7B 2	25yr-12hr-10%	129.94	0.00	-2.95	5.51	12.97	1.1712	0.0000	0.4272	1.1728	1.1712
CH-S7B 2	25yr-12hr-90%	121.12	0.00	-0.09	5.39	12.09	12.0183	0.0000	12.2467	12.0192	12.0183
CH-S7B 2	25yr-1hr-10%	69.82	0.00	0.96	4.52	6.97	0.5313	0.0000	0.2005	0.5314	0.5313
CH-S7B 2	25yr-1hr-90%	139.48	0.00	1.14	5.64	13.92	1.0840	0.0000	0.7956	1.0840	1.0840
CH-S7B 2	25yr-24hr-10%	112.55	0.00	3.49	5.27	11.23	1.5352	0.0000	0.4737	1.5383	1.5352
CH-S7B 2	25yr-24hr-90%	130.35	0.00	-0.08	5.52	13.01	24.0074	0.0000	24.2457	24.0116	24.0074
CH-S7B 2	25yr-6hr-10%	145.24	0.00	-1.15	5.71	14.50	1.0197	0.0000	0.2845	1.0202	1.0197
CH-S7B 2	25yr-6hr-90%	116.68	0.00	-0.10	5.33	11.64	6.0088	0.0000	6.2331	6.0111	6.0088
CH-S7B 2	2yr-12hr-10%	39.64	0.00	0.39	3.76	4.42	1.5329	0.0000	1.0998	1.5352	0.9947
CH-S7B 2	2yr-12hr-90%	45.76	0.00	-0.05	3.94	4.57	12.0217	0.0000	12.2895	12.0233	12.0217
CH-S7B 2	2yr-1hr-10%	29.23	0.00	0.09	3.41	4.10	0.8207	0.0000	0.4787	0.8212	0.7006
CH-S7B 2	2yr-1hr-90%	52.71	0.00	-1.20	4.13	5.26	1.1317	0.0000	0.9030	1.1317	1.1317
CH-S7B 2	2yr-24hr-10%	31.72	0.00	0.09	3.50	4.01	2.0471	0.0000	0.9633	2.0523	1.1218
CH-S7B 2	2yr-24hr-90%	47.97	0.00	-0.05	4.01	4.79	24.0154	0.0000	24.2764	24.0191	24.0154
CH-S7B 2	2yr-6hr-10%	47.44	0.00	3.35	3.99	4.90	1.1949	0.0000	0.8996	1.1955	0.8994
CH-S7B 2	2yr-6hr-90%	45.62	0.00	0.05	3.94	4.55	6.0186	0.0000	4.0533	6.0199	6.0186

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
2	90%										
CH-S7B 2	50-12hr-10%	162.78	0.00	1.05	5.92	16.25	1.0621	0.0000	0.2528	1.0638	1.0621
CH-S7B 2	50-12hr-90%	145.81	0.00	-0.05	5.72	14.55	12.0174	0.0000	12.1653	12.0206	12.0174
CH-S7B 2	50-1hr-10%	85.23	0.00	0.92	4.82	8.51	0.5126	0.0000	0.1841	0.5128	0.5126
CH-S7B 2	50-1hr-90%	167.03	0.00	1.13	5.96	16.67	1.0770	0.0000	0.7746	1.0770	1.0770
CH-S7B 2	50-24hr-10%	142.47	0.00	-1.87	5.67	14.22	1.1257	0.0000	0.3385	1.1267	1.1257
CH-S7B 2	50-24hr-90%	156.84	0.00	-0.05	5.85	15.65	24.0053	0.0000	24.2634	24.0077	24.0053
CH-S7B 2	50-6hr-10%	177.99	0.00	1.03	6.08	17.76	0.9856	0.0000	0.2466	0.9871	0.9856
CH-S7B 2	50-6hr-90%	138.80	0.00	0.05	5.63	13.85	6.0068	0.0000	2.6301	6.0107	6.0068
CH-S7B 2	5yr-12hr-10%	67.56	0.00	3.44	4.47	6.74	1.3082	0.0000	0.7504	1.3091	1.3082
CH-S7B 2	5yr-12hr-90%	70.81	0.00	-0.06	4.54	7.07	12.0195	0.0000	12.2738	12.0271	12.0195
CH-S7B 2	5yr-1hr-10%	45.22	0.00	2.62	3.93	4.81	0.6274	0.0000	0.6268	0.6276	0.6057
CH-S7B 2	5yr-1hr-90%	81.09	0.00	1.14	4.74	8.09	1.1166	0.0000	0.8554	1.1167	1.1166
CH-S7B 2	5yr-24hr-10%	56.28	0.00	3.19	4.22	5.62	1.5638	0.0000	0.9073	1.5654	1.5638
CH-S7B 2	5yr-24hr-90%	74.58	0.00	-0.06	4.62	7.44	24.0104	0.0000	24.2723	24.0144	24.0104
CH-S7B 2	5yr-6hr-10%	78.68	0.00	3.45	4.70	7.85	1.0679	0.0000	0.6419	1.0681	1.0679
CH-S7B 2	5yr-6hr-90%	69.84	0.00	-0.06	4.52	6.97	6.0158	0.0000	6.2722	6.0179	6.0158

Link: L-0260C

Scenario: EC
 Type: Channel
 From Node:
 To Node:
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link: L-0270C

Scenario: EC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link: L-0280C

Scenario: EC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link: L-0290C

Scenario: EC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link: L-0300C

Scenario: EC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link: L-0310C

Scenario: EC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link: L-0320C

Scenario: EC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link: L-0330C

Scenario: EC
Type: Channel
From Node:
To Node:

Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link: L-0340C

Scenario: EC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link: L-0350C

Scenario: EC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link: LC-G2

Scenario: EC
Type: Channel
From Node: N-G2C
To Node: N-G2-G3
Link Count: 1
Flow Direction: Positive

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
LC-G2	100-12h r-10%	789.42	0.00	499.14	11.21	13.88	1.3370	0.0000	3.1349	1.3370	1.3363
LC-G2	100-12h r-90%	822.80	0.00	612.93	11.03	14.43	12.2774	0.0000	12.4069	11.9950	12.2742
LC-G2	100-1hr -10%	381.45	0.00	8.93	9.50	9.70	0.8039	0.0000	1.7582	0.8043	0.5003
LC-G2	100-1hr -90%	584.80	0.00	-0.17	10.48	10.45	1.2844	0.0000	1.5222	1.2846	1.0777
LC-G2	100-24h r-10%	709.71	0.00	435.93	10.95	13.30	1.4160	0.0000	3.5262	1.4160	1.4160
LC-G2	100-24h r-90%	971.89	0.00	760.26	11.45	16.15	24.3190	0.0000	24.3190	23.9372	24.3193
LC-G2	100-6hr -10%	828.49	0.00	-431.26	11.33	14.16	1.2339	0.0000	2.4903	1.2339	1.8057
LC-G2	100-6hr -90%	765.16	0.00	-586.21	10.91	14.03	6.3512	0.0000	6.4620	6.0141	6.3420
LC-G2	10yr-12 hr-10%	384.36	0.00	5.46	9.52	8.44	1.5337	0.0000	3.8584	1.4630	0.6952
LC-G2	10yr-12 hr-90%	354.28	0.00	8.97	8.86	3.19	12.1014	0.0000	12.9155	12.0000	5.1638
LC-G2	10yr-1hr -10%	215.94	0.00	7.54	8.30	8.52	0.8854	0.0000	1.4868	0.8860	0.5713
LC-G2	10yr-1hr -90%	336.07	0.00	8.77	9.23	9.70	1.2877	0.0000	1.9137	1.2878	1.1490
LC-G2	10yr-24 hr-10%	330.13	0.00	2.83	9.15	8.09	1.7343	0.0000	5.0002	1.5482	0.7431
LC-G2	10yr-24 hr-90%	377.83	0.00	8.99	8.76	2.12	24.0860	0.0000	24.9399	23.8615	24.0342
LC-G2	10yr-6hr -10%	426.08	0.00	8.30	9.75	8.79	1.3184	0.0000	2.8334	1.3185	0.6711
LC-G2	10yr-6hr -90%	355.64	0.00	8.99	9.09	3.97	6.0843	0.0000	6.9075	5.8171	2.8843
LC-G2	25yr-12 hr-10%	610.43	0.00	-382.86	10.59	12.52	1.7556	0.0000	2.1347	2.1343	1.7542
LC-G2	25yr-12 hr-90%	465.62	0.00	8.97	9.03	3.39	12.1005	0.0000	13.0299	12.0005	4.6967
LC-G2	25yr-1hr -10%	279.39	0.00	8.56	8.83	9.06	0.8527	0.0000	1.6226	0.8530	0.5380
LC-G2	25yr-1hr -90%	432.76	0.00	-0.30	9.79	10.07	1.2860	0.0000	1.4622	1.2861	1.1171
LC-G2	25yr-24 hr-10%	467.32	0.00	3.14	9.91	8.78	1.6841	0.0000	5.6058	1.3996	0.6664
LC-G2	25yr-24 hr-90%	503.98	0.00	8.97	9.02	2.31	24.0842	0.0000	25.0596	24.0024	24.0331

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
LC-G2	25yr-6hr -10%	614.41	0.00	505.09	10.59	12.52	1.5987	0.0000	1.9432	1.4895	1.5714
LC-G2	25yr-6hr -90%	461.85	0.00	8.99	9.43	4.10	6.0836	0.0000	7.0170	5.5204	2.5841
LC-G2	2yr-12hr -10%	174.78	0.00	2.56	7.88	7.01	1.7392	0.0000	2.8787	1.7416	0.8862
LC-G2	2yr-12hr -90%	182.52	0.00	7.51	7.96	2.71	12.1132	0.0000	12.5774	12.1137	6.4286
LC-G2	2yr-1hr -10%	119.69	0.00	0.15	7.15	7.30	0.9355	0.0000	0.1939	0.9357	0.6562
LC-G2	2yr-1hr -90%	186.59	0.00	0.16	8.01	8.66	1.2961	0.0000	0.7738	1.2963	1.2195
LC-G2	2yr-24hr -10%	141.65	0.00	0.17	7.47	6.49	2.1565	0.0000	0.4073	2.1614	0.9694
LC-G2	2yr-24hr -90%	191.48	0.00	7.91	8.06	1.62	24.1005	0.0000	24.6079	24.1010	24.0524
LC-G2	2yr-6hr -10%	202.77	0.00	5.02	8.17	7.52	1.4111	0.0000	2.3325	1.4125	0.8262
LC-G2	2yr-6hr -90%	186.96	0.00	7.56	8.01	3.83	6.1025	0.0000	6.5808	6.1029	3.6491
LC-G2	50-12hr -10%	858.85	0.00	621.20	11.35	14.89	2.0100	0.0000	2.2383	1.7212	2.0283
LC-G2	50-12hr -90%	623.05	0.00	-464.20	10.59	12.71	12.2393	0.0000	12.4387	12.1301	12.1940
LC-G2	50-1hr -10%	329.45	0.00	8.82	9.18	9.40	0.8265	0.0000	1.6962	0.8271	0.5176
LC-G2	50-1hr -90%	507.90	0.00	-0.38	10.15	10.28	1.2851	0.0000	1.4629	1.2853	1.0964
LC-G2	50-24hr -10%	705.38	0.00	403.64	10.79	13.56	2.2980	0.0000	2.4290	1.7871	1.9762
LC-G2	50-24hr -90%	718.88	0.00	555.82	10.81	13.44	24.2799	0.0000	24.3868	24.0205	24.3704
LC-G2	50-6hr -10%	855.38	0.00	688.48	11.40	14.91	1.8498	0.0000	1.8498	1.5556	1.7772
LC-G2	50-6hr -90%	610.46	0.00	540.29	10.59	12.52	6.1121	0.0000	6.4014	6.1122	6.2251
LC-G2	5yr-12hr -10%	286.87	0.00	4.57	8.88	7.89	1.6223	0.0000	3.5701	1.5224	0.7613
LC-G2	5yr-12hr -90%	276.70	0.00	8.86	8.57	2.99	12.1029	0.0000	12.8054	12.0504	5.6216
LC-G2	5yr-1hr -10%	172.51	0.00	3.89	7.85	8.05	0.9052	0.0000	1.2906	0.9057	0.6021
LC-G2	5yr-1hr -90%	269.00	0.00	8.31	8.75	9.33	1.2898	0.0000	1.8094	1.2899	1.1762
LC-G2	5yr-24hr	240.13	0.00	2.39	8.52	7.46	1.7873	0.0000	4.3746	1.7358	0.8200

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	-10%										
LC-G2	5yr-24hr -90%	292.27	0.00	8.91	8.64	1.94	24.0877	0.0000	24.8280	24.0341	24.0505
LC-G2	5yr-6hr -10%	324.29	0.00	7.41	9.15	8.31	1.3529	0.0000	2.6841	1.3535	0.7253
LC-G2	5yr-6hr -90%	280.70	0.00	8.83	8.70	3.88	6.0878	0.0000	6.8021	5.8584	3.1670

Link: P-G2-G3

Scenario: EC
 Type: Pipe
 From Node: N-G2-G3
 To Node: N-G3-OUT
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P-G2-G3	100-12hr -10%	375.44	0.00	0.03	53.11	54.44	1.9926	0.0000	0.5661	1.9926	1.9926
P-G2-G3	100-12hr -90%	354.11	0.00	0.10	50.10	51.35	12.3573	0.0000	5.0210	12.3573	12.3573
P-G2-G3	100-1hr -10%	294.02	0.00	0.10	41.59	42.64	1.2131	0.0000	0.5100	1.2131	1.2131
P-G2-G3	100-1hr -90%	313.37	0.00	0.07	44.33	45.44	1.6044	0.0000	1.0735	1.6044	1.6044
P-G2-G3	100-24hr -10%	366.72	0.00	0.03	51.88	53.18	2.1573	0.0000	0.5978	2.1573	2.1573
P-G2-G3	100-24hr -90%	364.33	0.00	0.10	51.54	52.83	24.3460	0.0000	12.5069	24.3460	24.3460
P-G2-G3	100-6hr -10%	374.85	0.00	0.07	53.03	54.36	1.7656	0.0000	0.5588	1.7656	1.7656
P-G2-G3	100-6hr -90%	351.01	0.00	0.10	49.66	50.90	6.3523	0.0000	2.7647	6.3523	6.3523
P-G2-G3	10yr-12hr-10%	307.35	0.00	0.10	43.48	44.57	1.9968	0.0000	0.7399	1.9968	1.9968

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P-G2-G3	10yr-12hr-90%	299.33	0.00	0.10	42.35	43.41	12.2964	0.0000	6.4790	12.2964	12.2964
P-G2-G3	10yr-1hr-10%	251.78	0.00	0.10	35.62	36.51	1.1380	0.0000	0.6114	1.1380	1.1380
P-G2-G3	10yr-1hr-90%	268.95	0.00	0.06	38.05	39.00	1.5299	0.0000	1.1607	1.5299	1.5299
P-G2-G3	10yr-24hr-10%	295.68	0.00	0.10	41.83	42.88	2.2466	0.0000	0.8005	2.2466	2.2466
P-G2-G3	10yr-24hr-90%	305.31	0.00	-0.10	43.19	44.27	24.2860	0.0000	26.3200	24.2860	24.2860
P-G2-G3	10yr-6hr-10%	312.06	0.00	-0.10	44.15	45.25	1.7104	0.0000	4.3555	1.7104	1.7104
P-G2-G3	10yr-6hr-90%	298.86	0.00	0.10	42.28	43.34	6.3064	0.0000	3.5443	6.3064	6.3064
P-G2-G3	25yr-12hr-10%	336.32	0.00	0.10	47.58	48.77	2.0035	0.0000	0.6583	2.0035	2.0035
P-G2-G3	25yr-12hr-90%	323.58	0.00	-0.10	45.78	46.92	12.2918	0.0000	14.4364	12.2918	12.2918
P-G2-G3	25yr-1hr-10%	271.43	0.00	0.10	38.40	39.36	1.1192	0.0000	0.5588	1.1192	1.1192
P-G2-G3	25yr-1hr-90%	285.30	0.00	0.07	40.36	41.37	1.5970	0.0000	1.1203	1.5970	1.5970
P-G2-G3	25yr-24hr-10%	326.03	0.00	0.10	46.12	47.28	2.1348	0.0000	0.6988	2.1348	2.1348
P-G2-G3	25yr-24hr-90%	331.19	0.00	-0.10	46.85	48.03	24.2902	0.0000	26.4353	24.2902	24.2902
P-G2-G3	25yr-6hr-10%	339.10	0.00	-0.10	47.97	49.17	1.7557	0.0000	4.3853	1.7557	1.7557
P-G2-G3	25yr-6hr-90%	322.21	0.00	0.10	45.58	46.73	6.2864	0.0000	3.1905	6.2864	6.2864
P-G2-G3	2yr-12hr-10%	245.73	0.00	-0.10	34.76	35.64	2.1055	0.0000	5.2219	2.1055	2.1055
P-G2-G3	2yr-12hr-90%	247.72	0.00	0.10	35.05	35.92	12.2541	0.0000	8.4504	12.2541	12.2541
P-G2-G3	2yr-1hr-10%	211.62	0.00	0.10	29.94	30.69	1.2090	0.0000	0.7593	1.2090	1.2090
P-G2-G3	2yr-1hr-90%	224.66	0.00	0.10	31.78	32.58	1.5754	0.0000	1.2630	1.5754	1.5754
P-G2-G3	2yr-24hr-10%	233.13	0.00	-0.10	32.98	33.81	2.4362	0.0000	8.1292	2.4362	2.4362
P-G2-G3	2yr-24hr-90%	251.83	0.00	-0.10	35.63	36.52	24.2458	0.0000	26.0673	24.2458	24.2458
P-G2-G3	2yr-6hr-10%	252.86	0.00	-0.10	35.77	36.67	1.7375	0.0000	4.0096	1.7375	1.7375
P-G2-G3	2yr-6hr-90%	248.24	0.00	-0.10	35.12	36.00	6.2563	0.0000	8.0176	6.2563	6.2563

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	90%										
P-G2-G3	50-12hr-10%	356.50	0.00	0.10	50.43	51.70	2.0385	0.0000	0.6074	2.0385	2.0385
P-G2-G3	50-12hr-90%	339.58	0.00	0.10	48.04	49.24	12.3339	0.0000	5.3606	12.3339	12.3339
P-G2-G3	50-1hr-10%	282.29	0.00	0.10	39.94	40.94	1.1730	0.0000	0.5369	1.1730	1.1730
P-G2-G3	50-1hr-90%	299.74	0.00	0.07	42.40	43.47	1.6301	0.0000	1.0954	1.6301	1.6301
P-G2-G3	50-24hr-10%	346.29	0.00	-0.10	48.99	50.22	2.2152	0.0000	8.6427	2.2152	2.2152
P-G2-G3	50-24hr-90%	346.98	0.00	0.10	49.09	50.32	24.3414	0.0000	13.3034	24.3414	24.3414
P-G2-G3	50-6hr-10%	357.31	0.00	-0.10	50.55	51.82	1.7827	0.0000	4.5281	1.7827	1.7827
P-G2-G3	50-6hr-90%	337.43	0.00	0.10	47.74	48.93	6.3239	0.0000	2.9758	6.3239	6.3239
P-G2-G3	5yr-12hr-10%	282.39	0.00	0.10	39.95	40.95	2.0732	0.0000	0.8337	2.0732	2.0732
P-G2-G3	5yr-12hr-90%	278.25	0.00	-0.10	39.36	40.35	12.2810	0.0000	14.2459	12.2810	12.2810
P-G2-G3	5yr-1hr-10%	235.74	0.00	0.10	33.35	34.19	1.1654	0.0000	0.6642	1.1654	1.1654
P-G2-G3	5yr-1hr-90%	251.38	0.00	0.10	35.56	36.45	1.5424	0.0000	1.1969	1.5424	1.5424
P-G2-G3	5yr-24hr-10%	270.34	0.00	0.10	38.24	39.20	2.2570	0.0000	0.9148	2.2570	2.2570
P-G2-G3	5yr-24hr-90%	283.24	0.00	0.10	40.07	41.07	24.2780	0.0000	17.1584	24.2780	24.2780
P-G2-G3	5yr-6hr-10%	288.00	0.00	-0.10	40.74	41.76	1.7747	0.0000	4.2336	1.7747	1.7747
P-G2-G3	5yr-6hr-90%	278.35	0.00	0.10	39.38	40.37	6.2736	0.0000	3.8545	6.2736	6.2736

Link: P1

Scenario: EC
 Type: Pipe
 From Node: N-S2-UP
 To Node: N-S2-DS
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P1	100-12h r-10%	389.11	-11.55	50.83	30.96	30.96	1.4676	0.0110	3.2005	1.4676	1.4676
P1	100-12h r-90%	346.68	-11.63	93.14	27.59	27.59	12.1002	0.0110	12.6563	12.1002	12.1002
P1	100-1hr -10%	155.33	-11.63	28.41	12.93	13.26	0.8888	0.0110	1.2708	0.8578	0.7916
P1	100-1hr -90%	296.67	-11.63	120.07	23.61	24.23	1.1694	0.0110	1.1694	1.1694	1.1694
P1	100-24h r-10%	351.56	-11.55	40.41	27.98	27.98	1.6836	0.0110	3.9009	1.6836	1.6836
P1	100-24h r-90%	385.92	-11.63	94.66	30.71	30.71	24.0840	0.0110	24.6817	24.0840	24.0840
P1	100-6hr -10%	401.91	-11.61	60.11	31.98	31.98	1.2834	0.0110	2.5261	1.2834	1.2834
P1	100-6hr -90%	328.29	-11.63	90.47	26.12	26.12	6.0828	0.0110	6.6356	6.0828	6.0828
P1	10yr-12 hr-10%	196.47	-11.63	20.94	15.63	15.63	1.7121	0.0110	1.7121	1.7121	1.7121
P1	10yr-12 hr-90%	207.97	-11.63	46.25	16.55	16.55	12.1160	0.0110	12.4461	12.1160	12.1160
P1	10yr-1hr -10%	78.74	-11.63	0.25	8.77	11.88	0.9506	0.0110	0.0119	0.9507	0.9486
P1	10yr-1hr -90%	120.69	-11.63	0.25	10.86	12.56	1.3009	0.0110	0.0119	1.3009	1.4466
P1	10yr-24 hr-10%	150.23	-11.63	9.07	12.35	13.27	1.8416	0.0110	3.7990	1.6368	1.4758
P1	10yr-24 hr-90%	208.96	-11.63	54.69	16.63	16.63	24.1275	0.0110	24.4682	24.1275	24.1275
P1	10yr-6hr -10%	209.94	-11.63	31.70	16.71	16.71	1.5291	0.0110	2.1682	1.5291	1.5291
P1	10yr-6hr -90%	172.33	-11.63	42.53	13.71	13.71	6.0937	0.0110	6.4305	6.0937	6.0937
P1	25yr-12 hr-10%	251.65	-11.63	23.00	20.03	20.03	1.5672	0.0110	3.2841	1.5672	1.5672
P1	25yr-12 hr-90%	240.76	-11.63	78.74	19.16	19.16	12.1002	0.0110	12.5334	12.1002	12.1002
P1	25yr-1hr -10%	107.60	-11.63	0.70	10.17	12.75	0.9333	0.0110	1.1415	0.9333	0.9158
P1	25yr-1hr -90%	176.59	-11.63	16.27	14.40	14.40	1.3413	0.0110	1.5482	1.3413	1.3413
P1	25yr-24 hr-10%	234.22	-11.63	24.54	18.64	18.64	1.4345	0.0110	1.4345	1.4345	1.4345
P1	25yr-24 hr-90%	265.52	-11.63	85.17	21.13	21.13	24.0837	0.0110	24.5681	24.0837	24.0837

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P1	25yr-6hr -10%	267.15	-11.63	42.53	21.26	21.26	1.3340	0.0110	2.3549	1.3340	1.3340
P1	25yr-6hr -90%	230.82	-11.63	72.26	18.37	18.37	6.0838	0.0110	6.5233	6.0838	6.0838
P1	2yr-12hr -10%	71.03	-11.63	0.45	8.41	11.35	1.9187	0.0110	4.8211	1.9202	1.5668
P1	2yr-12hr -90%	83.92	-11.63	0.60	9.01	9.11	12.1173	0.0110	13.5985	12.1185	10.3739
P1	2yr-1hr-10%	37.11	-11.63	0.55	6.69	9.73	1.0012	0.0110	0.3129	1.0014	1.0012
P1	2yr-1hr-90%	54.47	-11.63	-0.32	7.61	10.45	1.3176	0.0110	0.9227	1.3178	1.4350
P1	2yr-24hr -10%	58.05	-11.63	0.25	7.79	10.65	2.2670	0.0110	0.0119	2.2710	1.7422
P1	2yr-24hr -90%	91.21	-11.63	0.61	9.36	8.69	24.1006	0.0110	25.6180	24.1009	24.0672
P1	2yr-6hr-10%	79.65	-11.63	0.53	8.81	11.87	1.5173	0.0110	3.5873	1.5179	1.4115
P1	2yr-6hr-90%	81.30	-11.63	0.60	8.89	11.12	6.1170	0.0110	7.5870	6.1172	5.6155
P1	50-12hr -10%	318.11	-11.63	25.53	25.31	25.31	1.5171	0.0110	3.5182	1.5171	1.5171
P1	50-12hr -90%	292.74	-11.63	93.97	23.30	23.30	12.1001	0.0110	12.6041	12.1001	12.1001
P1	50-1hr-10%	130.89	-11.63	-14.89	11.44	13.19	0.9006	0.0110	1.2133	0.9007	0.9042
P1	50-1hr-90%	317.50	-11.63	140.90	25.27	25.93	1.2303	0.0110	1.2303	1.2303	1.2303
P1	50-24hr -10%	281.95	-11.63	28.72	22.44	22.44	1.7171	0.0110	3.4402	1.7171	1.7171
P1	50-24hr -90%	321.89	-11.63	94.12	25.62	25.62	24.0835	0.0110	24.6284	24.0835	24.0835
P1	50-6hr-10%	332.15	-11.63	47.05	26.43	26.43	1.3007	0.0110	2.4624	1.3007	1.3007
P1	50-6hr-90%	278.50	-11.63	85.03	22.16	22.16	6.0836	0.0110	6.5839	6.0836	6.0836
P1	5yr-12hr -10%	126.06	-11.63	11.02	11.16	12.97	1.7506	0.0110	2.6675	1.7511	1.4299
P1	5yr-12hr -90%	135.38	-11.63	21.29	11.70	11.04	12.1005	0.0110	12.3748	12.1009	12.1001
P1	5yr-1hr-10%	59.53	-11.63	0.25	7.86	11.06	0.9679	0.0110	0.0119	0.9681	0.9711
P1	5yr-1hr-90%	90.02	-11.63	0.25	9.30	11.82	1.3169	0.0110	0.0119	1.3170	1.4385
P1	5yr-24hr	105.47	-11.63	-5.70	10.06	12.27	2.1662	0.0110	2.8994	2.1676	1.4651

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	-10%										
P1	5yr-24hr-90%	147.03	-11.63	27.79	12.23	11.76	24.0995	0.0110	24.3961	23.9954	24.0840
P1	5yr-6hr-10%	138.68	-11.63	16.73	11.90	13.27	1.4333	0.0110	2.0281	1.4335	1.3833
P1	5yr-6hr-90%	131.23	-11.63	16.33	11.46	11.63	6.1004	0.0110	6.3544	6.1004	5.1837

Link: P2

Scenario: EC
 Type: Pipe
 From Node: N-S3-UP
 To Node: N-S3-DS
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P2	100-12hr-10%	133.36	0.00	49.54	42.45	43.40	0.8213	0.0000	0.8213	0.8213	0.8213
P2	100-12hr-90%	78.93	-0.18	-26.43	25.12	25.12	12.0065	12.5626	10.5547	12.0065	12.0065
P2	100-1hr-10%	61.97	0.00	22.14	19.72	20.27	0.7018	0.0000	0.7018	0.7018	0.7018
P2	100-1hr-90%	140.27	0.00	51.37	44.65	45.88	1.1504	0.0000	1.1504	1.1504	1.1504
P2	100-24hr-10%	120.39	0.00	-44.41	38.32	39.28	0.9018	0.0000	0.9018	0.9018	0.9018
P2	100-24hr-90%	85.14	0.00	25.18	27.10	27.10	24.0011	24.5822	21.8983	24.0011	24.0011
P2	100-6hr-10%	143.85	0.00	53.11	45.79	46.93	0.7845	0.0000	0.7845	0.7845	0.7845
P2	100-6hr-90%	83.97	-0.48	-30.96	26.73	27.40	5.0298	6.5261	5.0298	5.0298	5.0298
P2	10yr-12hr-10%	66.18	0.00	23.68	21.07	21.64	1.0951	0.0000	1.0950	1.0951	1.0951

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P2	10yr-12hr-90%	42.17	0.00	-10.72	13.42	13.76	12.0173	0.0000	11.9745	12.0173	12.0173
P2	10yr-1hr-10%	25.65	0.00	0.03	8.69	10.55	0.4338	0.0000	0.2834	0.4338	0.4347
P2	10yr-1hr-90%	65.92	0.00	-0.29	20.98	21.51	1.0770	0.0000	1.2051	1.0770	1.0770
P2	10yr-24hr-10%	53.45	0.00	19.60	17.01	17.48	1.2844	0.0000	1.2844	1.2844	1.2844
P2	10yr-24hr-90%	69.41	0.00	-25.12	22.09	22.65	23.8935	0.0000	23.8936	23.8935	23.8935
P2	10yr-6hr-10%	76.27	0.00	27.36	24.28	24.95	0.9743	0.0000	0.9743	0.9743	0.9743
P2	10yr-6hr-90%	40.61	0.00	3.60	12.93	13.28	6.0015	0.0000	5.3017	6.0015	6.0015
P2	25yr-12hr-10%	93.78	0.00	34.55	29.85	30.60	1.1167	0.0000	1.1165	1.1167	1.1167
P2	25yr-12hr-90%	72.15	0.00	-26.06	22.96	23.53	11.4006	0.0000	11.4007	11.4006	11.4006
P2	25yr-1hr-10%	35.69	0.00	-0.09	11.36	11.65	0.4203	0.0000	0.5906	0.4203	0.4203
P2	25yr-1hr-90%	85.93	0.00	-0.29	27.35	28.04	1.0774	0.0000	1.2267	1.0774	1.0774
P2	25yr-24hr-10%	78.99	0.00	-28.90	25.14	25.83	0.9782	0.0000	1.3080	0.9782	0.9782
P2	25yr-24hr-90%	67.35	0.00	-24.36	21.44	21.97	23.0111	0.0000	23.0112	23.0111	23.0111
P2	25yr-6hr-10%	103.60	0.00	38.16	32.98	33.80	1.0057	0.0000	1.0057	1.0057	1.0057
P2	25yr-6hr-90%	77.26	0.00	28.11	24.59	25.21	5.5815	0.0000	5.5850	5.5815	5.5815
P2	2yr-12hr-10%	17.81	0.00	-0.02	6.95	9.81	1.3353	0.0000	2.1260	1.3356	1.3404
P2	2yr-12hr-90%	21.13	0.00	-0.02	7.64	10.18	12.0164	0.0000	12.1653	12.0171	12.0183
P2	2yr-1hr-10%	12.51	0.00	0.02	5.93	8.98	0.7839	0.0000	0.3106	0.7841	0.7842
P2	2yr-1hr-90%	34.78	0.00	-0.22	11.07	11.35	1.0836	0.0000	1.1387	1.0836	1.0836
P2	2yr-24hr-10%	14.40	0.00	-0.02	6.29	9.31	1.5682	0.0000	2.6687	1.5686	1.5704
P2	2yr-24hr-90%	21.86	0.00	-0.03	7.80	10.26	24.0004	0.0000	24.1562	24.0012	24.0020
P2	2yr-6hr-10%	21.57	0.00	-0.02	7.73	10.23	1.0839	0.0000	1.6309	1.0840	1.0876
P2	2yr-6hr-90%	20.80	0.00	-0.02	7.57	10.15	6.0013	0.0000	6.1606	6.0013	6.0063

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	90%										
P2	50-12hr -10%	114.07	0.00	42.05	36.31	37.22	0.9394	0.0000	0.9394	0.9394	0.9394
P2	50-12hr -90%	73.34	0.00	-26.50	23.34	23.92	10.9425	0.0000	10.9426	10.9425	10.9425
P2	50-1hr-10%	52.55	0.00	18.68	16.73	17.19	0.8106	0.0000	0.8105	0.8106	0.8106
P2	50-1hr-90%	101.38	0.00	25.29	32.27	33.08	1.0780	0.0000	1.2001	1.0780	1.0780
P2	50-24hr -10%	103.96	0.00	34.35	33.09	33.92	1.0592	0.0000	0.8405	1.0592	1.0592
P2	50-24hr -90%	71.43	-0.32	24.86	22.74	22.74	24.0009	24.5400	22.4418	24.0009	24.0009
P2	50-6hr-10%	125.15	0.00	46.19	39.84	40.82	0.8760	0.0000	0.8760	0.8760	0.8760
P2	50-6hr-90%	81.40	0.00	-29.97	25.91	26.56	5.2777	6.4632	5.2778	5.2777	5.2777
P2	5yr-12hr -10%	30.63	0.00	-0.02	10.02	10.67	1.3170	0.0000	1.8947	1.3170	1.0179
P2	5yr-12hr -90%	32.66	0.00	-0.05	10.40	10.68	12.0046	0.0000	12.0689	12.0046	12.0046
P2	5yr-1hr-10%	19.07	0.00	-0.02	7.20	9.96	0.4507	0.0000	0.9825	0.4509	0.4525
P2	5yr-1hr-90%	51.97	0.00	-0.28	16.54	16.96	1.0772	0.0000	1.1843	1.0772	1.0772
P2	5yr-24hr -10%	25.73	0.00	-0.03	8.71	10.55	1.5511	0.0000	2.1731	1.5515	1.5533
P2	5yr-24hr -90%	33.98	0.00	-0.06	10.82	11.11	24.0011	0.0000	24.0795	24.0011	24.0011
P2	5yr-6hr-10%	54.47	0.00	19.99	17.34	17.81	1.1872	0.0000	1.1872	1.1872	1.1872
P2	5yr-6hr-90%	31.80	0.00	-0.05	10.19	10.67	6.0020	0.0000	6.0539	5.8842	5.6705

Link: P3

Scenario: EC
 Type: Pipe
 From Node: N-SS-UP
 To Node: N-SS-DS
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P3	100-12hr r-10%	275.60	0.00	185.52	56.14	77.27	1.2885	0.0000	1.2885	1.2885	1.3303
P3	100-12hr r-90%	79.40	0.00	-0.87	16.18	41.53	12.0006	0.0000	12.0878	12.0006	12.0015
P3	100-1hr -10%	77.85	0.00	-0.29	15.86	41.31	0.3040	0.0000	0.4850	0.3040	0.3058
P3	100-1hr -90%	162.25	0.00	-1.00	33.05	49.46	1.0319	0.0000	1.1361	1.0319	1.0338
P3	100-24hr r-10%	88.58	0.00	-0.13	18.04	42.75	1.0189	0.0000	2.6215	1.0189	1.0189
P3	100-24hr r-90%	270.75	0.00	186.60	55.16	77.19	23.9603	0.0000	23.9603	23.9603	24.0090
P3	100-6hr -10%	273.52	0.00	184.88	55.72	78.57	1.1552	0.0000	1.1552	1.1552	1.2059
P3	100-6hr -90%	74.26	0.00	-0.87	15.13	40.78	6.0002	0.0000	6.0825	6.0002	6.0009
P3	10yr-12hr -10%	47.91	0.00	0.03	10.23	36.14	1.0336	0.0000	0.2995	1.0336	1.0339
P3	10yr-12hr -90%	43.84	0.00	0.02	9.56	35.24	12.0001	0.0000	11.3305	12.0001	12.0009
P3	10yr-1hr -10%	42.02	0.00	0.04	9.28	34.82	0.3177	0.0000	0.2169	0.3178	0.3177
P3	10yr-1hr -90%	100.21	0.00	-0.94	20.41	44.14	1.0335	0.0000	1.1104	1.0335	1.0335
P3	10yr-24hr -10%	41.29	0.00	-0.03	9.17	34.65	1.0335	0.0000	3.0979	1.0335	1.0340
P3	10yr-24hr -90%	44.89	0.00	0.04	9.73	35.47	24.0001	0.0000	22.5832	24.0001	24.0006
P3	10yr-6hr -10%	55.87	0.00	-0.10	11.39	37.72	0.8672	0.0000	0.9886	0.9238	0.8692
P3	10yr-6hr -90%	42.77	0.00	-0.05	9.40	34.99	6.0002	0.0000	6.0560	6.0002	6.0015
P3	25yr-12hr -10%	65.77	0.00	-0.17	13.40	39.46	0.8002	0.0000	1.6187	0.8002	0.8028
P3	25yr-12hr -90%	57.01	0.00	-0.43	11.61	37.93	12.0005	0.0000	12.0528	12.0005	12.0005
P3	25yr-1hr -10%	54.53	0.00	-0.22	11.39	37.50	0.2854	0.0000	0.3738	0.2854	0.3737
P3	25yr-1hr -90%	124.83	0.00	-1.01	25.43	46.63	1.0326	0.0000	1.1226	1.0326	1.0336
P3	25yr-24hr -10%	58.63	0.00	-0.11	11.94	38.23	1.0214	0.0000	1.1762	1.0214	1.0275
P3	25yr-24hr -90%	59.39	0.00	-0.70	12.10	38.37	24.0003	0.0000	24.0592	24.0003	24.0003

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P3	25yr-6hr-10%	75.03	0.00	-0.17	15.29	40.90	0.7196	0.0000	1.3871	0.7196	0.7226
P3	25yr-6hr-90%	54.53	0.00	-0.14	11.39	37.48	5.8745	0.0000	6.0244	5.8745	6.0243
P3	2yr-12hr-10%	21.94	0.00	-0.03	6.65	28.86	1.2837	0.0000	1.8355	1.2839	1.2837
P3	2yr-12hr-90%	23.32	0.00	-0.04	6.81	29.38	12.0002	0.0000	12.0300	12.0015	12.0022
P3	2yr-1hr-10%	21.66	0.00	0.03	6.61	28.75	0.3513	0.0000	0.2489	0.3516	0.3516
P3	2yr-1hr-90%	60.17	0.00	-0.76	12.26	38.51	1.0341	0.0000	1.0728	1.0341	1.0345
P3	2yr-24hr-10%	17.94	0.00	-0.03	6.16	27.21	1.5184	0.0000	2.0695	1.5188	1.5212
P3	2yr-24hr-90%	23.36	0.00	-0.03	6.82	29.40	24.0004	0.0000	24.0483	24.0012	24.0028
P3	2yr-6hr-10%	27.22	0.00	-0.03	7.28	30.74	0.8838	0.0000	1.5625	0.8840	0.8851
P3	2yr-6hr-90%	23.52	0.00	-0.04	6.84	29.46	6.0001	0.0000	6.0370	6.0008	6.0013
P3	50-12hr-10%	81.61	0.00	-0.10	16.63	41.83	0.7894	0.0000	1.9575	0.7894	0.7908
P3	50-12hr-90%	68.00	0.00	-0.79	13.85	39.82	12.0004	0.0000	12.0748	12.0004	12.0015
P3	50-1hr-10%	66.54	0.00	-0.30	13.56	39.59	0.3078	0.0000	0.4398	0.3078	0.3091
P3	50-1hr-90%	143.50	0.00	-0.95	29.23	48.17	1.0320	0.0000	1.1300	1.0320	1.0337
P3	50-24hr-10%	72.62	0.00	-0.20	14.79	40.54	1.0199	0.0000	2.1173	1.0199	1.0235
P3	50-24hr-90%	70.98	0.00	-0.78	14.46	40.29	24.0001	0.0000	24.0786	24.0001	24.0001
P3	50-6hr-10%	91.00	0.00	-0.15	18.54	43.05	0.7172	0.0000	1.5314	0.7172	0.7200
P3	50-6hr-90%	64.28	0.00	-0.78	13.10	39.21	6.0002	0.0000	6.0691	6.0002	6.0013
P3	5yr-12hr-10%	35.93	0.00	-0.04	8.40	33.30	1.0340	0.0000	1.8195	1.0340	1.0340
P3	5yr-12hr-90%	34.59	0.00	-0.05	8.22	32.94	12.0003	0.0000	12.0366	12.0003	12.0015
P3	5yr-1hr-10%	32.74	0.00	0.03	7.98	32.42	0.3339	0.0000	0.2326	0.3342	0.3342
P3	5yr-1hr-90%	82.61	0.00	-0.94	16.83	41.97	1.0337	0.0000	1.0985	1.0337	1.0343
P3	5yr-24hr	29.78	0.00	-0.03	7.60	31.55	1.0338	0.0000	2.0759	1.0340	1.0344

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	-10%										
P3	5yr-24hr-90%	35.03	0.00	-0.05	8.28	33.06	24.0000	0.0000	24.0403	24.0002	24.0008
P3	5yr-6hr-10%	43.01	0.00	-0.04	9.43	35.05	0.8671	0.0000	1.5690	0.8672	0.8682
P3	5yr-6hr-90%	34.27	0.00	-0.05	8.18	32.85	6.0000	0.0000	6.0365	6.0005	6.0015

Link: W-G2-G3

Scenario: EC
 Type: Weir
 From Node: N-G2-G3
 To Node: N-G3-OUT
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [EC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
W-G2-G3	100-12hr-10%	5616.05	0.00	0.21	8.78	8.78	1.9931	0.0000	0.6770	1.9934	1.9934
W-G2-G3	100-12hr-90%	4522.25	0.00	-0.69	8.25	8.25	12.3542	0.0000	12.7698	12.3542	12.3542
W-G2-G3	100-1hr-10%	2239.57	0.00	-0.53	6.70	6.70	1.2150	0.0000	1.5285	1.2151	1.2151
W-G2-G3	100-1hr-90%	2858.91	0.00	-0.57	7.21	7.21	1.6063	0.0000	1.8998	1.6065	1.6065
W-G2-G3	100-24hr-10%	5148.57	0.00	0.19	8.56	8.56	2.1564	0.0000	0.7333	2.1570	2.1570
W-G2-G3	100-24hr-90%	5025.59	0.00	-0.70	8.51	8.51	24.3420	0.0000	24.8168	24.3420	24.3420
W-G2-G3	100-6hr-10%	5583.79	0.00	0.45	8.77	8.77	1.7645	0.0000	0.6708	1.7645	1.7645
W-G2-G3	100-6hr-90%	4376.75	0.00	-0.68	8.17	8.17	6.3481	0.0000	6.7521	6.3481	6.3481
W-G2-G3	10yr-12hr-10%	2655.38	0.00	-0.67	7.05	7.05	1.9881	0.0000	2.6736	1.9881	1.9881

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
W-G2-G 3	10yr-12hr-90%	2399.63	0.00	-0.53	6.84	6.84	12.3000	0.0000	12.6552	12.3002	12.3002
W-G2-G 3	10yr-1hr-10%	1207.56	0.00	0.43	5.54	5.54	1.1390	0.0000	0.9012	1.1395	1.1395
W-G2-G 3	10yr-1hr-90%	1578.23	0.00	0.49	6.02	6.02	1.5303	0.0000	1.3987	1.5303	1.5303
W-G2-G 3	10yr-24hr-10%	2288.84	0.00	0.56	6.74	6.74	2.2349	0.0000	1.7998	2.2349	2.2349
W-G2-G 3	10yr-24hr-90%	2588.59	0.00	-0.55	7.00	7.00	24.2812	0.0000	24.6807	24.2814	24.2814
W-G2-G 3	10yr-6hr-10%	2813.60	0.00	-0.57	7.17	7.17	1.7052	0.0000	2.3419	1.7053	1.7053
W-G2-G 3	10yr-6hr-90%	2385.08	0.00	-0.53	6.83	6.83	6.3018	0.0000	6.6792	6.3018	6.3018
W-G2-G 3	25yr-12hr-10%	3731.58	0.00	0.70	7.80	7.80	2.0059	0.0000	1.5128	2.0050	2.0050
W-G2-G 3	25yr-12hr-90%	3227.82	0.00	-0.58	7.47	7.47	12.2869	0.0000	12.7551	12.2870	12.2870
W-G2-G 3	25yr-1hr-10%	1637.21	0.00	0.47	6.09	6.09	1.1154	0.0000	0.8487	1.1155	1.1155
W-G2-G 3	25yr-1hr-90%	1992.49	0.00	0.52	6.46	6.46	1.5936	0.0000	1.3395	1.5938	1.5938
W-G2-G 3	25yr-24hr-10%	3320.81	0.00	-0.69	7.54	7.54	2.1258	0.0000	4.0213	2.1263	2.1263
W-G2-G 3	25yr-24hr-90%	3522.74	0.00	0.63	7.67	7.67	24.2909	0.0000	23.5312	24.2911	24.2911
W-G2-G 3	25yr-6hr-10%	3848.12	0.00	0.69	7.87	7.87	1.7604	0.0000	1.3049	1.7604	1.7604
W-G2-G 3	25yr-6hr-90%	3176.42	0.00	0.64	7.44	7.44	6.2815	0.0000	5.8450	6.2816	6.2816
W-G2-G 3	2yr-12hr-10%	1091.57	0.00	-0.48	5.37	5.37	2.1087	0.0000	2.9387	2.1097	2.1097
W-G2-G 3	2yr-12hr-90%	1128.92	0.00	0.43	5.42	5.42	12.2559	0.0000	11.9472	12.2561	12.2561
W-G2-G 3	2yr-1hr-10%	564.42	0.00	0.34	4.36	4.36	1.2049	0.0000	1.0606	1.2052	1.2052
W-G2-G 3	2yr-1hr-90%	741.64	0.00	0.36	4.75	4.75	1.5771	0.0000	1.4596	1.5772	1.5772
W-G2-G 3	2yr-24hr-10%	872.54	0.00	0.39	5.00	5.00	2.4501	0.0000	1.9621	2.4522	2.4522
W-G2-G 3	2yr-24hr-90%	1208.63	0.00	0.45	5.54	5.54	24.2399	0.0000	23.9996	24.2399	24.2399
W-G2-G 3	2yr-6hr-10%	1229.08	0.00	0.45	5.57	5.57	1.7304	0.0000	1.4775	1.7316	1.7316
W-G2-G 3	2yr-6hr-90%	1138.79	0.00	0.43	5.44	5.44	6.2591	0.0000	6.0075	6.2593	6.2593

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
3	90%										
W-G2-G 3	50-12hr-10%	4636.51	0.00	-0.71	8.31	8.31	2.0308	0.0000	2.8812	2.0308	2.0308
W-G2-G 3	50-12hr-90%	3868.57	0.00	-0.67	7.88	7.88	12.3296	0.0000	12.6567	12.3310	12.3310
W-G2-G 3	50-1hr-10%	1911.57	0.00	-0.51	6.38	6.38	1.1749	0.0000	1.4467	1.1752	1.1752
W-G2-G 3	50-1hr-90%	2412.15	0.00	-0.53	6.85	6.85	1.6274	0.0000	1.8961	1.6274	1.6274
W-G2-G 3	50-24hr-10%	4161.74	0.00	0.76	8.05	8.05	2.2079	0.0000	1.4452	2.2081	2.2081
W-G2-G 3	50-24hr-90%	4192.52	0.00	-0.67	8.07	8.07	24.3368	0.0000	24.7199	24.3366	24.3366
W-G2-G 3	50-6hr-10%	4676.04	0.00	-0.84	8.33	8.33	1.7794	0.0000	2.3642	1.7790	1.7790
W-G2-G 3	50-6hr-90%	3777.90	0.00	0.67	7.83	7.83	6.3194	0.0000	5.7945	6.3195	6.3195
W-G2-G 3	5yr-12hr-10%	1913.99	0.00	0.56	6.39	6.39	2.0764	0.0000	1.8214	2.0772	2.0772
W-G2-G 3	5yr-12hr-90%	1806.21	0.00	0.52	6.27	6.27	12.2748	0.0000	11.8766	12.2748	12.2748
W-G2-G 3	5yr-1hr-10%	915.53	0.00	0.41	5.08	5.08	1.1608	0.0000	1.0333	1.1611	1.1611
W-G2-G 3	5yr-1hr-90%	1199.78	0.00	0.44	5.53	5.53	1.5441	0.0000	1.4190	1.5443	1.5443
W-G2-G 3	5yr-24hr-10%	1611.05	0.00	0.57	6.06	6.06	2.2592	0.0000	1.9697	2.2602	2.2602
W-G2-G 3	5yr-24hr-90%	1936.69	0.00	0.52	6.41	6.41	24.2823	0.0000	23.6526	24.2827	24.2827
W-G2-G 3	5yr-6hr-10%	2067.07	0.00	-0.52	6.54	6.54	1.7789	0.0000	2.2563	1.7793	1.7793
W-G2-G 3	5yr-6hr-90%	1808.82	0.00	0.50	6.28	6.28	6.2765	0.0000	5.7808	6.2767	6.2767



Appendix P: Proposed Condition ICPR Report

Simulation: 100-12hr-10%

Scenario: PC
 Run Date/Time: 11/16/2022 11:08:16 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-10%
	Rainfall Amount: 12.40 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dft Damping (2D): 0.0050 ft	Dft Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 100-12hr-90%

Scenario: PC
 Run Date/Time: 11/16/2022 11:08:40 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 12.40 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 100-1hr-10%

Scenario: PC
Run Date/Time: 11/16/2022 11:09:27 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				5.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				5.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.84 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 100-1hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:09:50 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.84 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 100-24hr-10%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:10:15 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic
 Dft Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 1 ft2
 Energy Switch (2D): Energy
 IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False
 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: 24hr-10%
 Rainfall Amount: 15.80 in
 Storm Duration: 24.0000 hr
 Dft Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 113 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 100-24hr-90%

Scenario: PC
 Run Date/Time: 11/16/2022 11:10:36 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	2	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 15.80 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 100-6hr-10%
Scenario: PC
Run Date/Time: 11/16/2022 11:11:38 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 9.30 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 100-6hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:12:00 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 9.30 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 10yr-12hr-10%

Scenario: PC
 Run Date/Time: 11/16/2022 11:12:31 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic
 Dft Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 1 ft2
 Energy Switch (2D): Energy
 IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False
 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: 12hr-10%
 Rainfall Amount: 7.13 in
 Storm Duration: 12.0000 hr
 Dft Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 113 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 10yr-12hr-90%

Scenario: PC
 Run Date/Time: 11/16/2022 11:12:50 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 7.13 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 10yr-1hr-10%
Scenario: PC
Run Date/Time: 11/16/2022 11:13:36 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 5.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 5.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Global
Opt:
OF Region Rain Opt: Global
Rainfall Name: 1hr-10%
Rainfall Amount: 2.74 in
Storm Duration: 1.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 10yr-1hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:14:02 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Global
Opt:
OF Region Rain Opt: Global
Rainfall Name: 1hr-90%
Rainfall Amount: 2.74 in
Storm Duration: 1.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 10yr-24hr-10%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:14:27 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight:	0.5 dec		
Fact:		Smp/Man Basin Rain Opt:	Global
dZ Tolerance:	0.0010 ft	OF Region Rain Opt:	Global
Max dZ:	1.0000 ft	Rainfall Name:	24hr-10%
Link Optimizer Tol:	0.0001 ft	Rainfall Amount:	8.69 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	1 ft2	Min Node Srf Area (1D):	113 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment:

Simulation: 10yr-24hr-90%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:14:53 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 8.69 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 10yr-6hr-10%
Scenario: PC
Run Date/Time: 11/16/2022 11:16:10 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: 6hr-10%
Rainfall Amount: 5.66 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 10yr-6hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:16:31 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: 6hr-90%
Rainfall Amount: 5.66 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 25yr-12hr-10%

Scenario: PC
 Run Date/Time: 11/16/2022 11:17:09 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic
 Dft Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 1 ft2
 Energy Switch (2D): Energy
 IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False
 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: 12hr-10%
 Rainfall Amount: 9.07 in
 Storm Duration: 12.0000 hr
 Dft Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 113 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 25yr-12hr-90%

Scenario: PC
 Run Date/Time: 11/16/2022 11:17:32 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 9.07 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 25yr-1hr-10%
Scenario: PC
Run Date/Time: 11/16/2022 11:18:23 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 5.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 5.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.18 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 25yr-1hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:18:42 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 3.18 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 25yr-24hr-10%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:19:07 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight:	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft	OF Region Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	24hr-10%
		Rainfall Amount:	11.30 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	1 ft2	Min Node Srf Area (1D):	113 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment:

Simulation: 25yr-24hr-90%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:19:32 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 11.30 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 25yr-6hr-10%
Scenario: PC
Run Date/Time: 11/16/2022 11:20:49 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Global
Opt:
OF Region Rain Opt: Global
Rainfall Name: 6hr-10%
Rainfall Amount: 7.03 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 25yr-6hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:21:14 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Global
Opt:
OF Region Rain Opt: Global
Rainfall Name: 6hr-90%
Rainfall Amount: 7.03 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 2yr-12hr-10%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:21:53 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic
 Dft Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 1 ft2
 Energy Switch (2D): Energy
 IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False
 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: 12hr-10%
 Rainfall Amount: 4.15 in
 Storm Duration: 12.0000 hr
 Dft Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 113 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 2yr-12hr-90%

Scenario: PC
 Run Date/Time: 11/16/2022 11:23:03 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 4.15 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 2yr-1hr-10%

Scenario: PC
Run Date/Time: 11/16/2022 11:24:23 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				5.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.00 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 2yr-1hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:24:43 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.00 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 2yr-24hr-10%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:25:02 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight:	0.5 dec		
Fact:		Smp/Man Basin Rain Opt:	Global
dZ Tolerance:	0.0010 ft	OF Region Rain Opt:	Global
Max dZ:	1.0000 ft	Rainfall Name:	24hr-10%
Link Optimizer Tol:	0.0001 ft	Rainfall Amount:	4.87 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	1 ft2	Min Node Srf Area (1D):	113 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment:

Simulation: 2yr-24hr-90%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:26:16 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 30.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 4.87 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 2yr-6hr-10%
Scenario: PC
Run Date/Time: 11/16/2022 11:27:20 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2
Energy Switch (2D): Energy
IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: 6hr-10%
Rainfall Amount: 3.47 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 113 ft2
Energy Switch (1D): Energy

Comment:

Simulation: 2yr-6hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:28:03 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2
Energy Switch (2D): Energy
IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: 6hr-90%
Rainfall Amount: 3.47 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 113 ft2
Energy Switch (1D): Energy

Comment:

Simulation: 50-12hr-10%

Scenario: PC
 Run Date/Time: 11/16/2022 11:28:59 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic
 Dft Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 1 ft2
 Energy Switch (2D): Energy
 IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False
 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: 12hr-10%
 Rainfall Amount: 10.70 in
 Storm Duration: 12.0000 hr
 Dft Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 113 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 50-12hr-90%

Scenario: PC
 Run Date/Time: 11/16/2022 11:29:24 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 10.70 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 50-1hr-10%
Scenario: PC
Run Date/Time: 11/16/2022 11:30:15 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 5.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 5.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	Opt:
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 1hr-10%
	Rainfall Amount: 3.51 in
Edge Length Option: Automatic	Storm Duration: 1.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 50-1hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:30:38 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	Opt:
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 1hr-90%
	Rainfall Amount: 3.51 in
Edge Length Option: Automatic	Storm Duration: 1.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 50-24hr-10%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:31:02 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight:	0.5 dec		
Fact:		Smp/Man Basin Rain Opt:	Global
dZ Tolerance:	0.0010 ft	OF Region Rain Opt:	Global
Max dZ:	1.0000 ft	Rainfall Name:	24hr-10%
Link Optimizer Tol:	0.0001 ft	Rainfall Amount:	13.40 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	1 ft2	Min Node Srf Area (1D):	113 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment:

Simulation: 50-24hr-90%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:31:24 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 13.40 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 50-6hr-10%

Scenario: PC
Run Date/Time: 11/16/2022 11:32:43 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000
				360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: 6hr-10%
Rainfall Amount: 8.14 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 50-6hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:33:08 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight: 0.5 dec
Fact:
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic
Dflt Damping (2D): 0.0050 ft
Min Node Srf Area 1 ft2
(2D):
Energy Switch (2D): Energy

IA Recovery Time: 24.0000 hr
ET for Manual Basins: False
Smp/Man Basin Rain Opt: Global
OF Region Rain Opt: Global
Rainfall Name: 6hr-90%
Rainfall Amount: 8.14 in
Storm Duration: 6.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area 113 ft2
(1D):
Energy Switch (1D): Energy

Comment:

Simulation: 5yr-12hr-10%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:33:44 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
 Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6	ET for Manual Basins:	False
Over-Relax Weight:	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft	OF Region Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	12hr-10%
		Rainfall Amount:	5.78 in
Edge Length Option:	Automatic	Storm Duration:	12.0000 hr
Dflt Damping (2D):	0.0050 ft	Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (2D):	1 ft2	Min Node Srf Area (1D):	113 ft2
Energy Switch (2D):	Energy	Energy Switch (1D):	Energy

Comment:

Simulation: 5yr-12hr-90%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:34:05 AM
 Program Version: ICPR4 4.07.08

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]	
Min Calculation Time:	60.0000	0.1000	900.0000	
Max Calculation Time:	60.0000			

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 15.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 12hr-90%
	Rainfall Amount: 5.78 in
Edge Length Option: Automatic	Storm Duration: 12.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 5yr-1hr-10%
Scenario: PC
Run Date/Time: 11/16/2022 11:35:01 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0		0.0000 360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.42 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 5yr-1hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:35:17 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	2.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 1hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 2.42 in
	Storm Duration: 1.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 5yr-24hr-10%
 Scenario: PC
 Run Date/Time: 11/16/2022 11:35:33 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
 Reference ET Folder:
 Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
 Extern Hydrograph Set:
 Curve Number Set:

Green-Ampt Set:
 Vertical Layers Set:
 Impervious Set:
 Roughness Set:
 Crop Coef Set:
 Fillable Porosity Set:

Conductivity Set:
 Leakage Set:

Tolerances & Options

Time Marching: SAOR
 Max Iterations: 6
 Over-Relax Weight: 0.5 dec
 Fact:
 dZ Tolerance: 0.0010 ft
 Max dZ: 1.0000 ft
 Link Optimizer Tol: 0.0001 ft
 Edge Length Option: Automatic
 Dft Damping (2D): 0.0050 ft
 Min Node Srf Area (2D): 1 ft2
 Energy Switch (2D): Energy
 IA Recovery Time: 24.0000 hr
 ET for Manual Basins: False
 Smp/Man Basin Rain Opt: Global
 OF Region Rain Opt: Global
 Rainfall Name: 24hr-10%
 Rainfall Amount: 6.93 in
 Storm Duration: 24.0000 hr
 Dft Damping (1D): 0.0050 ft
 Min Node Srf Area (1D): 113 ft2
 Energy Switch (1D): Energy

Comment:

Simulation: 5yr-24hr-90%

Scenario: PC
 Run Date/Time: 11/16/2022 11:35:54 AM
 Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:
	Conductivity Set:
	Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight Fact: 0.5 dec	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
Max dZ: 1.0000 ft	OF Region Rain Opt: Global
Link Optimizer Tol: 0.0001 ft	Rainfall Name: 24hr-90%
	Rainfall Amount: 6.93 in
Edge Length Option: Automatic	Storm Duration: 24.0000 hr
Dflt Damping (2D): 0.0050 ft	Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (2D): 1 ft2	Min Node Srf Area (1D): 113 ft2
Energy Switch (2D): Energy	Energy Switch (1D): Energy

Comment:

Simulation: 5yr-6hr-10%
Scenario: PC
Run Date/Time: 11/16/2022 11:36:48 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater				
Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File
Save Restart: False

Resources & Lookup Tables

Resources	Lookup Tables
Rainfall Folder: ICPR3	Boundary Stage Set:
Reference ET Folder:	Extern Hydrograph Set:
Unit Hydrograph Folder:	Curve Number Set:
	Green-Ampt Set:
	Vertical Layers Set:
	Impervious Set:
	Roughness Set:
	Crop Coef Set:
	Fillable Porosity Set:

Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-10%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 4.69 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simulation: 5yr-6hr-90%

Scenario: PC
Run Date/Time: 11/16/2022 11:37:17 AM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]	Groundwater [sec]
Min Calculation Time:	60.0000	0.1000	900.0000
Max Calculation Time:		60.0000	

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

Groundwater

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	360.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Reference ET Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:

Green-Ampt Set:
Vertical Layers Set:
Impervious Set:
Roughness Set:
Crop Coef Set:
Fillable Porosity Set:
Conductivity Set:
Leakage Set:

Tolerances & Options

Time Marching: SAOR	IA Recovery Time: 24.0000 hr
Max Iterations: 6	ET for Manual Basins: False
Over-Relax Weight: 0.5 dec	
Fact:	
dZ Tolerance: 0.0010 ft	Smp/Man Basin Rain Opt: Global
	OF Region Rain Opt: Global
Max dZ: 1.0000 ft	Rainfall Name: 6hr-90%
Link Optimizer Tol: 0.0001 ft	Rainfall Amount: 4.69 in
	Storm Duration: 6.0000 hr
Edge Length Option: Automatic	
	Dflt Damping (1D): 0.0050 ft
Dflt Damping (2D): 0.0050 ft	Min Node Srf Area 113 ft2
Min Node Srf Area 1 ft2	(1D):
(2D):	Energy Switch (1D): Energy
Energy Switch (2D): Energy	

Comment:

Simple Basin: B-G1	
Scenario:	PC
Node:	N-G1-OUT
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	59.5500 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH484
Peaking Factor:	484.0
Area:	299.3700 ac
Curve Number:	81.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	
Comment:	

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G1	100-12hr-10%	1035.38	1.2500	6.98	1.44	299.3700	81.0	0.00	0.00
B-G1	100-12hr-90%	357.93	9.7500	5.69	2.45	299.3700	81.0	0.00	0.00
B-G1	100-1hr-10%	535.79	1.1000	3.84	1.84	299.3700	81.0	0.00	0.00
B-G1	100-1hr-90%	657.34	1.5333	3.84	1.59	299.3700	81.0	0.00	0.00
B-G1	100-24hr-10%	902.63	1.2500	6.33	1.22	299.3700	81.0	0.00	0.00
B-G1	100-24hr-90%	319.15	20.5000	6.06	2.96	299.3700	81.0	0.00	0.00
B-G1	100-6hr-10%	1044.58	1.1667	6.90	1.27	299.3700	81.0	0.00	0.00
B-G1	100-6hr-90%	529.51	5.0167	5.70	1.78	299.3700	81.0	0.00	0.00
B-G1	10yr-12hr-10%	595.23	1.7667	5.16	1.47	299.3700	81.0	0.00	0.00
B-G1	10yr-12hr-90%	371.41	11.2500	5.52	2.26	299.3700	81.0	0.00	0.00
B-G1	10yr-1hr-10%	303.61	1.1333	2.74	1.03	299.3700	81.0	0.00	0.00
B-G1	10yr-1hr-90%	372.32	1.5333	2.74	0.89	299.3700	81.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G1	10yr-24hr-10%	518.90	2.0167	5.05	1.59	299.3700	81.0	0.00	0.00
B-G1	10yr-24hr-90%	323.27	22.5000	5.69	2.61	299.3700	81.0	0.00	0.00
B-G1	10yr-6hr-10%	637.50	1.6167	5.17	1.55	299.3700	81.0	0.00	0.00
B-G1	10yr-6hr-90%	512.36	6.0167	5.66	2.02	299.3700	81.0	0.00	0.00
B-G1	25yr-12hr-10%	782.70	1.5167	5.91	1.50	299.3700	81.0	0.00	0.00
B-G1	25yr-12hr-90%	396.14	10.7500	5.89	2.51	299.3700	81.0	0.00	0.00
B-G1	25yr-1hr-10%	393.34	1.1167	3.18	1.34	299.3700	81.0	0.00	0.00
B-G1	25yr-1hr-90%	482.83	1.5333	3.18	1.16	299.3700	81.0	0.00	0.00
B-G1	25yr-24hr-10%	667.75	1.5167	5.32	1.22	299.3700	81.0	0.00	0.00
B-G1	25yr-24hr-90%	336.08	21.7500	6.04	2.87	299.3700	81.0	0.00	0.00
B-G1	25yr-6hr-10%	854.08	1.5167	6.12	1.72	299.3700	81.0	0.00	0.00
B-G1	25yr-6hr-90%	520.66	5.5167	5.64	1.83	299.3700	81.0	0.00	0.00
B-G1	2yr-12hr-10%	274.99	2.0667	4.15	2.25	299.3700	81.0	0.00	0.00
B-G1	2yr-12hr-90%	273.89	12.2333	4.15	2.25	299.3700	81.0	0.00	0.00
B-G1	2yr-1hr-10%	166.40	1.1667	2.00	0.55	299.3700	81.0	0.00	0.00
B-G1	2yr-1hr-90%	202.97	1.5500	2.00	0.48	299.3700	81.0	0.00	0.00
B-G1	2yr-24hr-10%	227.57	2.3833	4.87	2.88	299.3700	81.0	0.00	0.00
B-G1	2yr-24hr-90%	288.36	24.2167	4.87	2.88	299.3700	81.0	0.00	0.00
B-G1	2yr-6hr-10%	305.63	1.7167	3.47	1.69	299.3700	81.0	0.00	0.00
B-G1	2yr-6hr-90%	279.46	6.2333	3.47	1.69	299.3700	81.0	0.00	0.00
B-G1	50-12hr-10%	841.34	1.2500	6.02	1.13	299.3700	81.0	0.00	0.00
B-G1	50-12hr-90%	381.27	10.2500	5.83	2.50	299.3700	81.0	0.00	0.00
B-G1	50-1hr-10%	463.57	1.1167	3.51	1.58	299.3700	81.0	0.00	0.00
B-G1	50-1hr-90%	568.98	1.5333	3.51	1.37	299.3700	81.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-G1	50-24hr-10%	846.25	1.5167	6.31	1.62	299.3700	81.0	0.00	0.00
B-G1	50-24hr-90%	313.45	21.0000	5.85	2.78	299.3700	81.0	0.00	0.00
B-G1	50-6hr-10%	985.59	1.3333	6.59	1.53	299.3700	81.0	0.00	0.00
B-G1	50-6hr-90%	503.22	5.1833	5.48	1.69	299.3700	81.0	0.00	0.00
B-G1	5yr-12hr-10%	448.51	1.9500	4.86	1.76	299.3700	81.0	0.00	0.00
B-G1	5yr-12hr-90%	394.51	12.0000	5.78	2.45	299.3700	81.0	0.00	0.00
B-G1	5yr-1hr-10%	241.81	1.1500	2.42	0.81	299.3700	81.0	0.00	0.00
B-G1	5yr-1hr-90%	296.11	1.5500	2.42	0.70	299.3700	81.0	0.00	0.00
B-G1	5yr-24hr-10%	381.44	2.2167	4.67	1.70	299.3700	81.0	0.00	0.00
B-G1	5yr-24hr-90%	296.29	23.0167	5.25	2.29	299.3700	81.0	0.00	0.00
B-G1	5yr-6hr-10%	486.58	1.6500	4.67	2.07	299.3700	81.0	0.00	0.00
B-G1	5yr-6hr-90%	421.78	6.2167	4.69	2.16	299.3700	81.0	0.00	0.00

Simple Basin: B-G2

Scenario: PC
 Node: N-G2C
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 33.0700 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 126.0100 ac
 Curve Number: 84.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G2	100-12hr-10%	584.87	1.2167	6.98	3.02	126.0100	84.0	0.00	0.00
B-G2	100-12hr-90%	185.08	9.7500	5.69	3.18	126.0100	84.0	0.00	0.00
B-G2	100-1hr-10%	326.44	0.6833	3.84	2.23	126.0100	84.0	0.00	0.00
B-G2	100-1hr-90%	512.63	1.2500	3.84	2.19	126.0100	84.0	0.00	0.00
B-G2	100-24hr-10%	527.24	1.2500	6.33	2.62	126.0100	84.0	0.00	0.00
B-G2	100-24hr-90%	157.99	20.5000	6.06	3.66	126.0100	84.0	0.00	0.00
B-G2	100-6hr-10%	625.07	1.1000	6.90	2.87	126.0100	84.0	0.00	0.00
B-G2	100-6hr-90%	298.55	5.0167	5.70	2.72	126.0100	84.0	0.00	0.00
B-G2	10yr-12hr-10%	293.99	1.3667	5.16	2.48	126.0100	84.0	0.00	0.00
B-G2	10yr-12hr-90%	190.46	11.2500	5.52	3.01	126.0100	84.0	0.00	0.00
B-G2	10yr-1hr-10%	188.44	0.7333	2.74	1.30	126.0100	84.0	0.00	0.00
B-G2	10yr-1hr-90%	306.82	1.2500	2.74	1.28	126.0100	84.0	0.00	0.00
B-G2	10yr-24hr-10%	248.64	1.6167	5.05	2.49	126.0100	84.0	0.00	0.00
B-G2	10yr-24hr-90%	161.18	22.5000	5.69	3.30	126.0100	84.0	0.00	0.00
B-G2	10yr-6hr-10%	332.98	1.1833	5.17	2.61	126.0100	84.0	0.00	0.00
B-G2	10yr-6hr-90%	258.93	6.0167	5.66	2.95	126.0100	84.0	0.00	0.00
B-G2	25yr-12hr-10%	399.54	1.2833	5.91	2.74	126.0100	84.0	0.00	0.00
B-G2	25yr-12hr-90%	203.68	10.7500	5.89	3.30	126.0100	84.0	0.00	0.00
B-G2	25yr-1hr-10%	241.63	0.7000	3.18	1.66	126.0100	84.0	0.00	0.00
B-G2	25yr-1hr-90%	387.70	1.2500	3.18	1.64	126.0100	84.0	0.00	0.00
B-G2	25yr-24hr-10%	348.18	1.3167	5.32	2.31	126.0100	84.0	0.00	0.00
B-G2	25yr-24hr-90%	165.70	21.7500	6.04	3.59	126.0100	84.0	0.00	0.00
B-G2	25yr-6hr-10%	441.68	1.1500	6.12	3.06	126.0100	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G2	25yr-6hr-90%	282.33	5.5167	5.64	2.76	126.0100	84.0	0.00	0.00
B-G2	2yr-12hr-10%	139.14	1.5333	4.15	2.51	126.0100	84.0	0.00	0.00
B-G2	2yr-12hr-90%	135.95	12.0833	4.15	2.51	126.0100	84.0	0.00	0.00
B-G2	2yr-1hr-10%	107.95	0.8333	2.00	0.74	126.0100	84.0	0.00	0.00
B-G2	2yr-1hr-90%	178.44	1.2667	2.00	0.73	126.0100	84.0	0.00	0.00
B-G2	2yr-24hr-10%	112.40	1.7333	4.87	3.16	126.0100	84.0	0.00	0.00
B-G2	2yr-24hr-90%	140.28	24.0667	4.87	3.16	126.0100	84.0	0.00	0.00
B-G2	2yr-6hr-10%	166.25	1.2833	3.47	1.91	126.0100	84.0	0.00	0.00
B-G2	2yr-6hr-90%	142.90	6.0667	3.47	1.91	126.0100	84.0	0.00	0.00
B-G2	50-12hr-10%	489.83	1.2500	6.02	2.45	126.0100	84.0	0.00	0.00
B-G2	50-12hr-90%	196.99	10.2500	5.83	3.27	126.0100	84.0	0.00	0.00
B-G2	50-1hr-10%	283.38	0.7000	3.51	1.94	126.0100	84.0	0.00	0.00
B-G2	50-1hr-90%	449.73	1.2500	3.51	1.91	126.0100	84.0	0.00	0.00
B-G2	50-24hr-10%	431.32	1.2833	6.31	2.95	126.0100	84.0	0.00	0.00
B-G2	50-24hr-90%	156.04	21.0000	5.85	3.47	126.0100	84.0	0.00	0.00
B-G2	50-6hr-10%	530.97	1.1333	6.59	3.05	126.0100	84.0	0.00	0.00
B-G2	50-6hr-90%	282.09	5.1833	5.48	2.58	126.0100	84.0	0.00	0.00
B-G2	5yr-12hr-10%	222.40	1.4333	4.86	2.56	126.0100	84.0	0.00	0.00
B-G2	5yr-12hr-90%	197.77	12.0000	5.78	3.23	126.0100	84.0	0.00	0.00
B-G2	5yr-1hr-10%	151.98	0.7667	2.42	1.05	126.0100	84.0	0.00	0.00
B-G2	5yr-1hr-90%	249.80	1.2500	2.42	1.03	126.0100	84.0	0.00	0.00
B-G2	5yr-24hr-10%	185.01	1.6667	4.67	2.43	126.0100	84.0	0.00	0.00
B-G2	5yr-24hr-90%	148.63	23.0167	5.25	2.93	126.0100	84.0	0.00	0.00
B-G2	5yr-6hr-10%	257.62	1.2167	4.67	2.75	126.0100	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-G2	5yr-6hr-90%	208.14	6.0667	4.69	2.87	126.0100	84.0	0.00	0.00

Simple Basin: B-G3

Scenario: PC
 Node: N-G2-G3
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 59.7300 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 51.3300 ac
 Curve Number: 82.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G3	100-12hr-10%	181.43	1.2500	6.98	1.49	51.3300	82.0	0.00	0.00
B-G3	100-12hr-90%	62.19	9.7500	5.69	2.53	51.3300	82.0	0.00	0.00
B-G3	100-1hr-10%	95.26	1.1000	3.84	1.91	51.3300	82.0	0.00	0.00
B-G3	100-1hr-90%	116.69	1.5333	3.84	1.66	51.3300	82.0	0.00	0.00
B-G3	100-24hr-10%	158.55	1.2500	6.33	1.26	51.3300	82.0	0.00	0.00
B-G3	100-24hr-90%	55.35	20.5000	6.06	3.05	51.3300	82.0	0.00	0.00
B-G3	100-6hr-10%	183.24	1.1667	6.90	1.31	51.3300	82.0	0.00	0.00
B-G3	100-6hr-90%	92.35	5.0167	5.70	1.85	51.3300	82.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-G3	10yr-12hr-10%	104.49	1.7667	5.16	1.53	51.3300	82.0	0.00	0.00
B-G3	10yr-12hr-90%	64.61	11.2500	5.52	2.34	51.3300	82.0	0.00	0.00
B-G3	10yr-1hr-10%	54.68	1.1333	2.74	1.08	51.3300	82.0	0.00	0.00
B-G3	10yr-1hr-90%	67.01	1.5333	2.74	0.94	51.3300	82.0	0.00	0.00
B-G3	10yr-24hr-10%	90.99	2.0167	5.05	1.65	51.3300	82.0	0.00	0.00
B-G3	10yr-24hr-90%	56.14	22.5000	5.69	2.69	51.3300	82.0	0.00	0.00
B-G3	10yr-6hr-10%	112.07	1.6000	5.17	1.61	51.3300	82.0	0.00	0.00
B-G3	10yr-6hr-90%	89.28	6.0167	5.66	2.10	51.3300	82.0	0.00	0.00
B-G3	25yr-12hr-10%	137.27	1.5167	5.91	1.55	51.3300	82.0	0.00	0.00
B-G3	25yr-12hr-90%	68.81	10.7500	5.89	2.59	51.3300	82.0	0.00	0.00
B-G3	25yr-1hr-10%	70.41	1.1167	3.18	1.40	51.3300	82.0	0.00	0.00
B-G3	25yr-1hr-90%	86.33	1.5333	3.18	1.21	51.3300	82.0	0.00	0.00
B-G3	25yr-24hr-10%	117.46	1.5167	5.32	1.27	51.3300	82.0	0.00	0.00
B-G3	25yr-24hr-90%	58.31	21.7500	6.04	2.96	51.3300	82.0	0.00	0.00
B-G3	25yr-6hr-10%	149.58	1.5167	6.12	1.78	51.3300	82.0	0.00	0.00
B-G3	25yr-6hr-90%	90.80	5.5167	5.64	1.90	51.3300	82.0	0.00	0.00
B-G3	2yr-12hr-10%	48.81	2.0500	4.15	2.34	51.3300	82.0	0.00	0.00
B-G3	2yr-12hr-90%	47.89	12.2333	4.15	2.34	51.3300	82.0	0.00	0.00
B-G3	2yr-1hr-10%	30.47	1.1667	2.00	0.59	51.3300	82.0	0.00	0.00
B-G3	2yr-1hr-90%	37.18	1.5500	2.00	0.51	51.3300	82.0	0.00	0.00
B-G3	2yr-24hr-10%	40.38	2.3500	4.87	2.97	51.3300	82.0	0.00	0.00
B-G3	2yr-24hr-90%	50.20	24.2167	4.87	2.97	51.3300	82.0	0.00	0.00
B-G3	2yr-6hr-10%	54.49	1.7000	3.47	1.76	51.3300	82.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-G3	2yr-6hr-90%	49.22	6.2333	3.47	1.76	51.3300	82.0	0.00	0.00
B-G3	50-12hr-10%	147.97	1.2500	6.02	1.17	51.3300	82.0	0.00	0.00
B-G3	50-12hr-90%	66.23	10.2500	5.83	2.58	51.3300	82.0	0.00	0.00
B-G3	50-1hr-10%	82.66	1.1167	3.51	1.65	51.3300	82.0	0.00	0.00
B-G3	50-1hr-90%	101.33	1.5333	3.51	1.43	51.3300	82.0	0.00	0.00
B-G3	50-24hr-10%	148.22	1.5167	6.31	1.67	51.3300	82.0	0.00	0.00
B-G3	50-24hr-90%	54.40	21.0000	5.85	2.87	51.3300	82.0	0.00	0.00
B-G3	50-6hr-10%	172.68	1.3333	6.59	1.59	51.3300	82.0	0.00	0.00
B-G3	50-6hr-90%	87.84	5.1833	5.48	1.76	51.3300	82.0	0.00	0.00
B-G3	5yr-12hr-10%	78.94	1.9333	4.86	1.83	51.3300	82.0	0.00	0.00
B-G3	5yr-12hr-90%	68.57	12.0000	5.78	2.53	51.3300	82.0	0.00	0.00
B-G3	5yr-1hr-10%	43.80	1.1500	2.42	0.86	51.3300	82.0	0.00	0.00
B-G3	5yr-1hr-90%	53.63	1.5500	2.42	0.74	51.3300	82.0	0.00	0.00
B-G3	5yr-24hr-10%	67.09	2.1833	4.67	1.77	51.3300	82.0	0.00	0.00
B-G3	5yr-24hr-90%	51.54	23.0167	5.25	2.37	51.3300	82.0	0.00	0.00
B-G3	5yr-6hr-10%	85.94	1.6333	4.67	2.15	51.3300	82.0	0.00	0.00
B-G3	5yr-6hr-90%	73.68	6.2167	4.69	2.24	51.3300	82.0	0.00	0.00

Simple Basin: B-OFF-G1

Scenario: PC
 Node: N-OFF-G1
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 49.6000 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484

Peaking Factor: 484.0
 Area: 900.7200 ac
 Curve Number: 81.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G1	100-12hr-10%	3539.25	1.2500	6.98	1.86	900.7200	81.0	0.00	0.00
B-OFF-G1	100-12hr-90%	1146.89	9.7500	5.69	2.61	900.7200	81.0	0.00	0.00
B-OFF-G1	100-1hr-10%	1769.68	0.9833	3.84	1.92	900.7200	81.0	0.00	0.00
B-OFF-G1	100-1hr-90%	2339.37	1.4167	3.84	1.77	900.7200	81.0	0.00	0.00
B-OFF-G1	100-24hr-10%	3112.26	1.2500	6.33	1.58	900.7200	81.0	0.00	0.00
B-OFF-G1	100-24hr-90%	1007.92	20.5000	6.06	3.10	900.7200	81.0	0.00	0.00
B-OFF-G1	100-6hr-10%	3670.21	1.1667	6.90	1.69	900.7200	81.0	0.00	0.00
B-OFF-G1	100-6hr-90%	1753.64	5.0167	5.70	2.01	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-12hr-10%	1863.08	1.7167	5.16	1.74	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-12hr-90%	1187.37	11.2500	5.52	2.43	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-1hr-10%	1003.68	1.0167	2.74	1.07	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-1hr-90%	1329.46	1.4333	2.74	0.99	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-24hr-10%	1603.01	1.9000	5.05	1.82	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-24hr-90%	1022.30	22.5000	5.69	2.75	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-6hr-10%	2022.34	1.4667	5.17	1.84	900.7200	81.0	0.00	0.00
B-OFF-G1	10yr-6hr-90%	1639.50	6.0167	5.66	2.25	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-12hr-	2534.86	1.5167	5.91	1.83	900.7200	81.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	10%								
B-OFF-G1	25yr-12hr-90%	1268.66	10.7500	5.89	2.69	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-1hr-10%	1299.51	1.0000	3.18	1.40	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-1hr-90%	1721.01	1.4333	3.18	1.29	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-24hr-10%	2186.28	1.5167	5.32	1.51	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-24hr-90%	1061.24	21.7500	6.04	3.02	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-6hr-10%	2718.78	1.4333	6.12	2.09	900.7200	81.0	0.00	0.00
B-OFF-G1	25yr-6hr-90%	1703.55	5.5167	5.64	2.06	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-12hr-10%	853.28	1.9167	4.15	2.25	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-12hr-90%	858.82	12.1833	4.15	2.25	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-1hr-10%	552.17	1.0667	2.00	0.58	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-1hr-90%	726.38	1.4500	2.00	0.53	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-24hr-10%	698.78	2.2333	4.87	2.88	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-24hr-90%	900.50	24.1667	4.87	2.88	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-6hr-10%	969.90	1.5833	3.47	1.69	900.7200	81.0	0.00	0.00
B-OFF-G1	2yr-6hr-90%	882.78	6.1667	3.47	1.69	900.7200	81.0	0.00	0.00
B-OFF-G1	50-12hr-10%	2900.80	1.2500	6.02	1.47	900.7200	81.0	0.00	0.00
B-OFF-G1	50-12hr-90%	1222.47	10.2500	5.83	2.67	900.7200	81.0	0.00	0.00
B-OFF-G1	50-1hr-10%	1531.13	0.9833	3.51	1.65	900.7200	81.0	0.00	0.00
B-OFF-G1	50-1hr-90%	2026.09	1.4167	3.51	1.52	900.7200	81.0	0.00	0.00
B-OFF-G1	50-24hr-10%	2746.67	1.5167	6.31	1.98	900.7200	81.0	0.00	0.00
B-OFF-G1	50-24hr-90%	990.61	21.0000	5.85	2.92	900.7200	81.0	0.00	0.00
B-OFF-G1	50-6hr-10%	3271.55	1.3333	6.59	1.95	900.7200	81.0	0.00	0.00
B-OFF-G1	50-6hr-90%	1662.94	5.1833	5.48	1.90	900.7200	81.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G1	5yr-12hr-10%	1393.81	1.7833	4.86	1.97	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-12hr-90%	1252.61	12.0000	5.78	2.63	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-1hr-10%	800.20	1.0333	2.42	0.85	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-1hr-90%	1058.33	1.4333	2.42	0.78	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-24hr-10%	1172.70	2.0167	4.67	1.88	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-24hr-90%	937.53	23.0167	5.25	2.42	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-6hr-10%	1543.60	1.5167	4.67	2.24	900.7200	81.0	0.00	0.00
B-OFF-G1	5yr-6hr-90%	1326.09	6.1667	4.69	2.34	900.7200	81.0	0.00	0.00

Simple Basin: B-OFF-G2

Scenario: PC
 Node: N-G2-G3
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 70.2100 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 183.1800 ac
 Curve Number: 74.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G2	100-12hr-10%	428.99	1.2500	6.98	0.80	183.1800	74.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G2	100-12hr-90%	180.66	9.7500	5.69	1.75	183.1800	74.0	0.00	0.00
B-OFF-G2	100-1hr-10%	222.21	1.2667	3.84	1.27	183.1800	74.0	0.00	0.00
B-OFF-G2	100-1hr-90%	258.32	1.6667	3.84	1.01	183.1800	74.0	0.00	0.00
B-OFF-G2	100-24hr-10%	363.29	1.2500	6.33	0.66	183.1800	74.0	0.00	0.00
B-OFF-G2	100-24hr-90%	166.56	20.5000	6.06	2.21	183.1800	74.0	0.00	0.00
B-OFF-G2	100-6hr-10%	415.08	1.1667	6.90	0.69	183.1800	74.0	0.00	0.00
B-OFF-G2	100-6hr-90%	247.43	5.0167	5.70	1.14	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-12hr-10%	274.22	1.7667	5.16	0.87	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-12hr-90%	185.85	11.2500	5.52	1.58	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-1hr-10%	113.60	1.3000	2.74	0.63	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-1hr-90%	131.27	1.6667	2.74	0.50	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-24hr-10%	247.82	2.0167	5.05	0.97	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-24hr-90%	166.31	22.5000	5.69	1.90	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-6hr-10%	296.63	1.6833	5.17	0.93	183.1800	74.0	0.00	0.00
B-OFF-G2	10yr-6hr-90%	249.97	6.0167	5.66	1.34	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-12hr-10%	346.72	1.5167	5.91	0.86	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-12hr-90%	200.21	10.7500	5.89	1.79	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-1hr-10%	154.71	1.2833	3.18	0.87	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-1hr-90%	179.41	1.6667	3.18	0.69	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-24hr-10%	285.25	1.5167	5.32	0.68	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-24hr-90%	174.93	21.7500	6.04	2.13	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-6hr-10%	390.33	1.5167	6.12	1.02	183.1800	74.0	0.00	0.00
B-OFF-G2	25yr-6hr-90%	246.45	5.5167	5.64	1.18	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-12hr-10%	125.26	2.4000	4.15	1.71	183.1800	74.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-OFF-G2	2yr-12hr-9 0%	135.41	12.3167	4.15	1.71	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-1hr-10 %	54.10	1.3500	2.00	0.29	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-1hr-90 %	61.71	1.6833	2.00	0.23	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-24hr-1 0%	105.94	2.8667	4.87	2.27	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-24hr-9 0%	148.45	24.3000	4.87	2.27	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-6hr-10 %	130.71	1.9500	3.47	1.22	183.1800	74.0	0.00	0.00
B-OFF-G2	2yr-6hr-90 %	128.90	6.3500	3.47	1.22	183.1800	74.0	0.00	0.00
B-OFF-G2	50-12hr-1 0%	335.06	1.2500	6.02	0.60	183.1800	74.0	0.00	0.00
B-OFF-G2	50-12hr-9 0%	192.56	10.2500	5.83	1.79	183.1800	74.0	0.00	0.00
B-OFF-G2	50-1hr-10 %	187.68	1.2833	3.51	1.07	183.1800	74.0	0.00	0.00
B-OFF-G2	50-1hr-90 %	218.00	1.6667	3.51	0.85	183.1800	74.0	0.00	0.00
B-OFF-G2	50-24hr-1 0%	378.71	1.5167	6.31	0.95	183.1800	74.0	0.00	0.00
B-OFF-G2	50-24hr-9 0%	162.57	21.0000	5.85	2.06	183.1800	74.0	0.00	0.00
B-OFF-G2	50-6hr-10 %	421.92	1.3333	6.59	0.87	183.1800	74.0	0.00	0.00
B-OFF-G2	50-6hr-90 %	233.95	5.1833	5.48	1.07	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-12hr-1 0%	217.45	2.2667	4.86	1.13	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-12hr-9 0%	200.26	12.0000	5.78	1.74	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-1hr-10 %	86.18	1.3167	2.42	0.47	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-1hr-90 %	99.16	1.6833	2.42	0.38	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-24hr-1 0%	187.95	2.5167	4.67	1.10	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-24hr-9 0%	150.28	23.0167	5.25	1.63	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-6hr-10 %	223.37	1.8667	4.67	1.40	183.1800	74.0	0.00	0.00
B-OFF-G2	5yr-6hr-90 %	208.67	6.3333	4.69	1.47	183.1800	74.0	0.00	0.00

Simple Basin: B-OFF-G3

Scenario: PC
 Node: N-GZC
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 48.7700 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 61.3600 ac
 Curve Number: 74.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G3	100-12hr-10%	207.25	1.2500	6.98	1.46	61.3600	74.0	0.00	0.00
B-OFF-G3	100-12hr-90%	70.09	9.7500	5.69	2.04	61.3600	74.0	0.00	0.00
B-OFF-G3	100-1hr-1 0%	91.53	1.0167	3.84	1.43	61.3600	74.0	0.00	0.00
B-OFF-G3	100-1hr-9 0%	122.10	1.4167	3.84	1.32	61.3600	74.0	0.00	0.00
B-OFF-G3	100-24hr-10%	179.20	1.2500	6.33	1.21	61.3600	74.0	0.00	0.00
B-OFF-G3	100-24hr-90%	62.49	20.5000	6.06	2.48	61.3600	74.0	0.00	0.00
B-OFF-G3	100-6hr-1 0%	213.18	1.1667	6.90	1.32	61.3600	74.0	0.00	0.00
B-OFF-G3	100-6hr-9 0%	104.74	5.0167	5.70	1.52	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-12hr-10%	107.21	1.7667	5.16	1.31	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-12hr-90%	72.03	11.2500	5.52	1.88	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-1hr-1 0%	47.22	1.0667	2.74	0.72	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-1hr-9 0%	62.36	1.4333	2.74	0.66	61.3600	74.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G3	10yr-24hr-10%	92.59	2.0167	5.05	1.37	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-24hr-90%	62.70	22.5000	5.69	2.17	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-6hr-10%	113.88	1.5500	5.17	1.40	61.3600	74.0	0.00	0.00
B-OFF-G3	10yr-6hr-90%	98.56	6.0167	5.66	1.74	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-12hr-10%	147.29	1.5167	5.91	1.40	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-12hr-90%	77.74	10.7500	5.89	2.11	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-1hr-10%	63.99	1.0500	3.18	0.99	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-1hr-90%	85.05	1.4333	3.18	0.91	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-24hr-10%	124.35	1.5167	5.32	1.12	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-24hr-90%	65.63	21.7500	6.04	2.41	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-6hr-10%	158.37	1.5000	6.12	1.63	61.3600	74.0	0.00	0.00
B-OFF-G3	25yr-6hr-90%	101.81	5.5167	5.64	1.57	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-12hr-10%	44.82	2.0667	4.15	1.71	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-12hr-90%	50.06	12.1833	4.15	1.71	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-1hr-10%	22.83	1.1167	2.00	0.33	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-1hr-90%	29.46	1.4500	2.00	0.31	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-24hr-10%	36.90	2.4667	4.87	2.27	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-24hr-90%	54.19	24.1667	4.87	2.27	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-6hr-10%	49.21	1.6667	3.47	1.22	61.3600	74.0	0.00	0.00
B-OFF-G3	2yr-6hr-90%	48.81	6.1833	3.47	1.22	61.3600	74.0	0.00	0.00
B-OFF-G3	50-12hr-10%	165.52	1.2500	6.02	1.11	61.3600	74.0	0.00	0.00
B-OFF-G3	50-12hr-90%	74.88	10.2500	5.83	2.10	61.3600	74.0	0.00	0.00
B-OFF-G3	50-1hr-10%	77.44	1.0333	3.51	1.20	61.3600	74.0	0.00	0.00
B-OFF-G3	50-1hr-90%	103.18	1.4333	3.51	1.11	61.3600	74.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-OFF-G3	50-24hr-10%	161.10	1.5167	6.31	1.54	61.3600	74.0	0.00	0.00
B-OFF-G3	50-24hr-90%	61.09	21.0000	5.85	2.32	61.3600	74.0	0.00	0.00
B-OFF-G3	50-6hr-10%	191.50	1.3333	6.59	1.53	61.3600	74.0	0.00	0.00
B-OFF-G3	50-6hr-90%	98.72	5.1833	5.48	1.43	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-12hr-10%	77.89	1.9333	4.86	1.49	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-12hr-90%	76.51	12.0000	5.78	2.06	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-1hr-10%	36.00	1.0833	2.42	0.54	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-1hr-90%	47.19	1.4500	2.42	0.50	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-24hr-10%	65.97	2.2500	4.67	1.41	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-24hr-90%	56.80	23.0167	5.25	1.87	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-6hr-10%	83.95	1.5833	4.67	1.72	61.3600	74.0	0.00	0.00
B-OFF-G3	5yr-6hr-90%	77.99	6.1667	4.69	1.81	61.3600	74.0	0.00	0.00

Simple Basin: B-OFF-G4

Scenario: PC
 Node: N-G2-G3
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 72.0300 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 232.3700 ac
 Curve Number: 75.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G4	100-12hr-10%	541.88	1.2500	6.98	0.80	232.3700	75.0	0.00	0.00
B-OFF-G4	100-12hr-90%	231.07	9.7500	5.69	1.80	232.3700	75.0	0.00	0.00
B-OFF-G4	100-1hr-10%	289.21	1.2833	3.84	1.31	232.3700	75.0	0.00	0.00
B-OFF-G4	100-1hr-90%	334.09	1.6833	3.84	1.03	232.3700	75.0	0.00	0.00
B-OFF-G4	100-24hr-10%	459.79	1.2500	6.33	0.66	232.3700	75.0	0.00	0.00
B-OFF-G4	100-24hr-90%	212.97	20.5000	6.06	2.27	232.3700	75.0	0.00	0.00
B-OFF-G4	100-6hr-10%	522.72	1.1667	6.90	0.68	232.3700	75.0	0.00	0.00
B-OFF-G4	100-6hr-90%	315.91	5.0167	5.70	1.16	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-12hr-10%	353.38	1.7667	5.16	0.89	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-12hr-90%	237.98	11.2500	5.52	1.63	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-1hr-10%	150.16	1.3167	2.74	0.67	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-1hr-90%	172.56	1.6833	2.74	0.52	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-24hr-10%	320.30	2.0167	5.05	0.99	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-24hr-90%	212.96	22.5000	5.69	1.95	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-6hr-10%	382.51	1.6833	5.17	0.94	232.3700	75.0	0.00	0.00
B-OFF-G4	10yr-6hr-90%	320.10	6.0167	5.66	1.37	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-12hr-10%	443.10	1.5167	5.91	0.87	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-12hr-90%	255.91	10.7500	5.89	1.84	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-1hr-10%	202.97	1.3000	3.18	0.91	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-1hr-90%	233.97	1.6833	3.18	0.71	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-24hr-10%	365.33	1.5167	5.32	0.68	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-24hr-90%	223.75	21.7500	6.04	2.18	232.3700	75.0	0.00	0.00
B-OFF-G4	25yr-6hr-10%	498.94	1.5167	6.12	1.02	232.3700	75.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G4	25yr-6hr-90%	315.04	5.5167	5.64	1.21	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-12hr-10%	164.31	2.4000	4.15	1.78	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-12hr-90%	175.05	12.3333	4.15	1.78	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-1hr-10%	73.08	1.3667	2.00	0.31	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-1hr-90%	83.07	1.7000	2.00	0.24	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-24hr-10%	138.95	2.8667	4.87	2.35	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-24hr-90%	191.07	24.3167	4.87	2.35	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-6hr-10%	171.87	1.9500	3.47	1.28	232.3700	75.0	0.00	0.00
B-OFF-G4	2yr-6hr-90%	167.76	6.3500	3.47	1.28	232.3700	75.0	0.00	0.00
B-OFF-G4	50-12hr-10%	424.63	1.2500	6.02	0.60	232.3700	75.0	0.00	0.00
B-OFF-G4	50-12hr-90%	246.12	10.2500	5.83	1.84	232.3700	75.0	0.00	0.00
B-OFF-G4	50-1hr-10%	245.14	1.3000	3.51	1.11	232.3700	75.0	0.00	0.00
B-OFF-G4	50-1hr-90%	282.99	1.6833	3.51	0.86	232.3700	75.0	0.00	0.00
B-OFF-G4	50-24hr-10%	483.23	1.5167	6.31	0.95	232.3700	75.0	0.00	0.00
B-OFF-G4	50-24hr-90%	208.04	21.0000	5.85	2.11	232.3700	75.0	0.00	0.00
B-OFF-G4	50-6hr-10%	534.91	1.3333	6.59	0.87	232.3700	75.0	0.00	0.00
B-OFF-G4	50-6hr-90%	299.05	5.1833	5.48	1.09	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-12hr-10%	282.49	2.2667	4.86	1.16	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-12hr-90%	256.38	12.0000	5.78	1.78	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-1hr-10%	114.76	1.3333	2.42	0.50	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-1hr-90%	131.42	1.7000	2.42	0.39	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-24hr-10%	244.29	2.5167	4.67	1.13	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-24hr-90%	192.81	23.0167	5.25	1.68	232.3700	75.0	0.00	0.00
B-OFF-G4	5yr-6hr-10%	290.64	1.8833	4.67	1.44	232.3700	75.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-G4	5yr-6hr-90%	269.15	6.3333	4.69	1.51	232.3700	75.0	0.00	0.00

Simple Basin: B-OFF-S1

Scenario: PC
 Node: N-OFF-S1
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 32.7800 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 615.5300 ac
 Curve Number: 84.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S1	100-12hr-10%	2859.85	1.2000	6.98	3.04	615.5300	84.0	0.00	0.00
B-OFF-S1	100-12hr-90%	905.81	9.7500	5.69	3.19	615.5300	84.0	0.00	0.00
B-OFF-S1	100-1hr-10%	1599.96	0.6833	3.84	2.23	615.5300	84.0	0.00	0.00
B-OFF-S1	100-1hr-90%	2521.43	1.2333	3.84	2.19	615.5300	84.0	0.00	0.00
B-OFF-S1	100-24hr-10%	2578.27	1.2500	6.33	2.63	615.5300	84.0	0.00	0.00
B-OFF-S1	100-24hr-90%	772.86	20.5000	6.06	3.67	615.5300	84.0	0.00	0.00
B-OFF-S1	100-6hr-10%	3058.05	1.1000	6.90	2.89	615.5300	84.0	0.00	0.00
B-OFF-S1	100-6hr-90%	1462.06	5.0167	5.70	2.72	615.5300	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-OFF-S1	10yr-12hr-10%	1437.29	1.3667	5.16	2.48	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-12hr-90%	931.92	11.2500	5.52	3.01	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-1hr-10%	922.93	0.7333	2.74	1.30	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-1hr-90%	1509.37	1.2500	2.74	1.28	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-24hr-10%	1215.07	1.6167	5.05	2.50	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-24hr-90%	788.50	22.5000	5.69	3.31	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-6hr-10%	1628.93	1.1833	5.17	2.62	615.5300	84.0	0.00	0.00
B-OFF-S1	10yr-6hr-90%	1266.17	6.0167	5.66	2.95	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-12hr-10%	1953.46	1.2833	5.91	2.76	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-12hr-90%	996.69	10.7500	5.89	3.30	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-1hr-10%	1184.19	0.7000	3.18	1.66	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-1hr-90%	1906.47	1.2500	3.18	1.64	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-24hr-10%	1702.52	1.3167	5.32	2.32	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-24hr-90%	810.54	21.7500	6.04	3.59	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-6hr-10%	2160.64	1.1500	6.12	3.08	615.5300	84.0	0.00	0.00
B-OFF-S1	25yr-6hr-90%	1381.83	5.5167	5.64	2.77	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-12hr-10%	680.19	1.5333	4.15	2.51	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-12hr-90%	664.90	12.0833	4.15	2.51	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-1hr-10%	528.35	0.8333	2.00	0.74	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-1hr-90%	877.97	1.2500	2.00	0.73	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-24hr-10%	549.47	1.7333	4.87	3.16	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-24hr-90%	686.01	24.0667	4.87	3.16	615.5300	84.0	0.00	0.00
B-OFF-S1	2yr-6hr-10%	813.28	1.2833	3.47	1.91	615.5300	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S1	2yr-6hr-90%	698.81	6.0667	3.47	1.91	615.5300	84.0	0.00	0.00
B-OFF-S1	50-12hr-10%	2395.05	1.2333	6.02	2.46	615.5300	84.0	0.00	0.00
B-OFF-S1	50-12hr-90%	964.05	10.2500	5.83	3.27	615.5300	84.0	0.00	0.00
B-OFF-S1	50-1hr-10%	1389.08	0.6833	3.51	1.94	615.5300	84.0	0.00	0.00
B-OFF-S1	50-1hr-90%	2210.95	1.2500	3.51	1.91	615.5300	84.0	0.00	0.00
B-OFF-S1	50-24hr-10%	2109.06	1.2833	6.31	2.97	615.5300	84.0	0.00	0.00
B-OFF-S1	50-24hr-90%	763.38	21.0000	5.85	3.47	615.5300	84.0	0.00	0.00
B-OFF-S1	50-6hr-10%	2597.50	1.1167	6.59	3.07	615.5300	84.0	0.00	0.00
B-OFF-S1	50-6hr-90%	1381.23	5.1833	5.48	2.59	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-12hr-10%	1087.24	1.4333	4.86	2.57	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-12hr-90%	967.43	12.0000	5.78	3.24	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-1hr-10%	744.06	0.7667	2.42	1.05	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-1hr-90%	1229.33	1.2500	2.42	1.04	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-24hr-10%	904.26	1.6667	4.67	2.43	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-24hr-90%	727.07	23.0167	5.25	2.94	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-6hr-10%	1260.29	1.2167	4.67	2.75	615.5300	84.0	0.00	0.00
B-OFF-S1	5yr-6hr-90%	1017.64	6.0667	4.69	2.87	615.5300	84.0	0.00	0.00

Simple Basin: B-OFF-S2

Scenario: PC
 Node: N-S1
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 5.5100 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484

Peaking Factor: 484.0
 Area: 5.1900 ac
 Curve Number: 84.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S2	100-12hr-10%	26.14	0.7667	6.98	4.82	5.1900	84.0	0.00	0.00
B-OFF-S2	100-12hr-90%	8.90	9.7500	5.69	3.79	5.1900	84.0	0.00	0.00
B-OFF-S2	100-1hr-10%	23.39	0.2500	3.84	2.24	5.1900	84.0	0.00	0.00
B-OFF-S2	100-1hr-90%	47.43	1.0000	3.84	2.24	5.1900	84.0	0.00	0.00
B-OFF-S2	100-24hr-10%	23.41	1.0000	6.33	4.24	5.1900	84.0	0.00	0.00
B-OFF-S2	100-24hr-90%	6.97	20.5000	6.06	4.17	5.1900	84.0	0.00	0.00
B-OFF-S2	100-6hr-10%	28.77	0.6833	6.90	4.75	5.1900	84.0	0.00	0.00
B-OFF-S2	100-6hr-90%	15.16	5.0167	5.70	3.72	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-12hr-10%	12.96	0.7667	5.16	3.29	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-12hr-90%	8.96	11.2500	5.52	3.63	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-1hr-10%	13.00	0.2667	2.74	1.31	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-1hr-90%	30.09	1.0000	2.74	1.31	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-24hr-10%	11.26	1.0167	5.05	3.20	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-24hr-90%	7.13	22.5000	5.69	3.82	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-6hr-10%	15.26	0.6833	5.17	3.34	5.1900	84.0	0.00	0.00
B-OFF-S2	10yr-6hr-90%	11.22	6.0000	5.66	3.77	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-12hr-	17.82	0.7667	5.91	3.92	5.1900	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	10%								
B-OFF-S2	25yr-12hr-90%	9.67	10.7500	5.89	3.97	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-1hr-10%	17.00	0.2667	3.18	1.67	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-1hr-90%	37.00	1.0000	3.18	1.67	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-24hr-10%	15.74	1.0000	5.32	3.38	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-24hr-90%	8.02	21.7500	6.04	4.13	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-6hr-10%	20.35	0.6833	6.12	4.16	5.1900	84.0	0.00	0.00
B-OFF-S2	25yr-6hr-90%	13.48	5.5167	5.64	3.69	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-12hr-10%	6.13	1.0167	4.15	2.51	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-12hr-90%	6.20	12.0000	4.15	2.51	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-1hr-10%	6.97	0.3000	2.00	0.75	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-1hr-90%	18.72	1.0167	2.00	0.75	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-24hr-10%	4.96	1.5000	4.87	3.16	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-24hr-90%	6.15	24.0000	4.87	3.16	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-6hr-10%	7.65	0.8500	3.47	1.91	5.1900	84.0	0.00	0.00
B-OFF-S2	2yr-6hr-90%	6.30	6.0000	3.47	1.91	5.1900	84.0	0.00	0.00
B-OFF-S2	50-12hr-10%	21.90	0.7667	6.02	3.96	5.1900	84.0	0.00	0.00
B-OFF-S2	50-12hr-90%	9.43	10.2500	5.83	3.92	5.1900	84.0	0.00	0.00
B-OFF-S2	50-1hr-10%	20.11	0.2500	3.51	1.95	5.1900	84.0	0.00	0.00
B-OFF-S2	50-1hr-90%	42.21	1.0000	3.51	1.95	5.1900	84.0	0.00	0.00
B-OFF-S2	50-24hr-10%	19.33	1.0000	6.31	4.27	5.1900	84.0	0.00	0.00
B-OFF-S2	50-24hr-90%	6.91	21.0000	5.85	3.97	5.1900	84.0	0.00	0.00
B-OFF-S2	50-6hr-10%	24.47	0.6833	6.59	4.54	5.1900	84.0	0.00	0.00
B-OFF-S2	50-6hr-90%	14.10	5.1833	5.48	3.53	5.1900	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S2	5yr-12hr-10%	9.82	1.0167	4.86	3.07	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-12hr-90%	9.08	12.0000	5.78	3.88	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-1hr-10%	10.27	0.2833	2.42	1.06	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-1hr-90%	25.11	1.0000	2.42	1.06	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-24hr-10%	8.26	1.0167	4.67	2.90	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-24hr-90%	6.60	23.0167	5.25	3.41	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-6hr-10%	11.77	0.8500	4.67	2.96	5.1900	84.0	0.00	0.00
B-OFF-S2	5yr-6hr-90%	9.05	6.0000	4.69	2.99	5.1900	84.0	0.00	0.00

Simple Basin: B-OFF-S3

Scenario: PC
 Node: N-S6-OUT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 18.3200 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 32.8000 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S3	100-12hr-10%	149.51	1.0333	6.98	3.59	32.8000	80.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S3	100-12hr-90%	50.78	9.7500	5.69	3.10	32.8000	80.0	0.00	0.00
B-OFF-S3	100-1hr-10%	90.29	0.4667	3.84	1.91	32.8000	80.0	0.00	0.00
B-OFF-S3	100-1hr-90%	176.84	1.1000	3.84	1.92	32.8000	80.0	0.00	0.00
B-OFF-S3	100-24hr-10%	136.05	1.1000	6.33	3.11	32.8000	80.0	0.00	0.00
B-OFF-S3	100-24hr-90%	41.77	20.5000	6.06	3.52	32.8000	80.0	0.00	0.00
B-OFF-S3	100-6hr-10%	163.17	0.9000	6.90	3.50	32.8000	80.0	0.00	0.00
B-OFF-S3	100-6hr-90%	83.81	5.0167	5.70	2.84	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-12hr-10%	72.30	1.1500	5.16	2.57	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-12hr-90%	51.47	11.2500	5.52	2.95	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-1hr-10%	47.60	0.4833	2.74	1.06	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-1hr-90%	102.72	1.1167	2.74	1.06	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-24hr-10%	60.81	1.5667	5.05	2.52	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-24hr-90%	42.52	22.5000	5.69	3.18	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-6hr-10%	83.42	1.0000	5.17	2.68	32.8000	80.0	0.00	0.00
B-OFF-S3	10yr-6hr-90%	66.90	6.0167	5.66	3.00	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-12hr-10%	100.38	1.1000	5.91	3.01	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-12hr-90%	55.58	10.7500	5.89	3.25	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-1hr-10%	63.80	0.4833	3.18	1.39	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-1hr-90%	131.63	1.1167	3.18	1.39	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-24hr-10%	87.88	1.1167	5.32	2.52	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-24hr-90%	45.33	21.7500	6.04	3.46	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-6hr-10%	112.91	0.9500	6.12	3.31	32.8000	80.0	0.00	0.00
B-OFF-S3	25yr-6hr-90%	76.77	5.5167	5.64	2.86	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-12hr-10%	32.42	1.3833	4.15	2.17	32.8000	80.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-OFF-S3	2yr-12hr-90%	35.16	12.0333	4.15	2.17	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-1hr-10%	24.03	0.8000	2.00	0.56	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-1hr-90%	57.23	1.1167	2.00	0.56	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-24hr-10%	26.19	1.6000	4.87	2.78	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-24hr-90%	36.27	24.0167	4.87	2.78	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-6hr-10%	39.45	1.1000	3.47	1.62	32.8000	80.0	0.00	0.00
B-OFF-S3	2yr-6hr-90%	35.68	6.0167	3.47	1.62	32.8000	80.0	0.00	0.00
B-OFF-S3	50-12hr-10%	124.31	1.0833	6.02	2.89	32.8000	80.0	0.00	0.00
B-OFF-S3	50-12hr-90%	53.99	10.2500	5.83	3.20	32.8000	80.0	0.00	0.00
B-OFF-S3	50-1hr-10%	76.81	0.4667	3.51	1.65	32.8000	80.0	0.00	0.00
B-OFF-S3	50-1hr-90%	153.94	1.1000	3.51	1.65	32.8000	80.0	0.00	0.00
B-OFF-S3	50-24hr-10%	110.29	1.1000	6.31	3.26	32.8000	80.0	0.00	0.00
B-OFF-S3	50-24hr-90%	41.31	21.0000	5.85	3.33	32.8000	80.0	0.00	0.00
B-OFF-S3	50-6hr-10%	137.34	0.9333	6.59	3.49	32.8000	80.0	0.00	0.00
B-OFF-S3	50-6hr-90%	78.37	5.1833	5.48	2.69	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-12hr-10%	53.51	1.3167	4.86	2.49	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-12hr-90%	52.82	12.0000	5.78	3.17	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-1hr-10%	36.74	0.5000	2.42	0.84	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-1hr-90%	82.44	1.1167	2.42	0.84	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-24hr-10%	44.63	1.5833	4.67	2.34	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-24hr-90%	38.94	23.0167	5.25	2.81	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-6hr-10%	63.35	1.0500	4.67	2.53	32.8000	80.0	0.00	0.00
B-OFF-S3	5yr-6hr-90%	53.08	6.0167	4.69	2.62	32.8000	80.0	0.00	0.00

Simple Basin: B-OFF-S4	
Scenario:	PC
Node:	N-OFF-S4
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	18.0700 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH484
Peaking Factor:	484.0
Area:	38.3500 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S4	100-12hr-10%	164.47	1.1000	6.98	3.21	38.3500	76.0	0.00	0.00
B-OFF-S4	100-12hr-90%	56.36	9.7500	5.69	2.74	38.3500	76.0	0.00	0.00
B-OFF-S4	100-1hr-10%	86.84	0.4833	3.84	1.62	38.3500	76.0	0.00	0.00
B-OFF-S4	100-1hr-90%	182.02	1.1000	3.84	1.62	38.3500	76.0	0.00	0.00
B-OFF-S4	100-24hr-10%	148.93	1.1000	6.33	2.76	38.3500	76.0	0.00	0.00
B-OFF-S4	100-24hr-90%	46.58	20.5000	6.06	3.13	38.3500	76.0	0.00	0.00
B-OFF-S4	100-6hr-10%	177.69	0.9333	6.90	3.13	38.3500	76.0	0.00	0.00
B-OFF-S4	100-6hr-90%	92.66	5.0167	5.70	2.50	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-12hr-10%	76.40	1.3333	5.16	2.24	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-12hr-90%	56.97	11.2500	5.52	2.59	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-1hr-10%	42.85	0.5167	2.74	0.85	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-1hr-90%	100.08	1.1167	2.74	0.85	38.3500	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-OFF-S4	10yr-24hr-10%	65.27	1.5833	5.05	2.19	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-24hr-90%	47.19	22.5000	5.69	2.81	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-6hr-10%	87.40	1.0500	5.17	2.34	38.3500	76.0	0.00	0.00
B-OFF-S4	10yr-6hr-90%	74.02	6.0167	5.66	2.64	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-12hr-10%	107.92	1.1333	5.91	2.66	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-12hr-90%	61.81	10.7500	5.89	2.87	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-1hr-10%	59.30	0.5000	3.18	1.14	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-1hr-90%	131.83	1.1167	3.18	1.14	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-24hr-10%	93.34	1.1333	5.32	2.20	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-24hr-90%	50.59	21.7500	6.04	3.08	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-6hr-10%	120.37	1.0000	6.12	2.94	38.3500	76.0	0.00	0.00
B-OFF-S4	25yr-6hr-90%	84.83	5.5167	5.64	2.51	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-12hr-10%	32.48	1.5833	4.15	1.86	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-12hr-90%	38.01	12.0333	4.15	1.86	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-1hr-10%	22.32	0.8167	2.00	0.41	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-1hr-90%	51.53	1.1167	2.00	0.42	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-24hr-10%	26.16	2.0833	4.87	2.43	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-24hr-90%	39.78	24.0167	4.87	2.43	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-6hr-10%	38.98	1.1667	3.47	1.35	38.3500	76.0	0.00	0.00
B-OFF-S4	2yr-6hr-90%	37.69	6.0167	3.47	1.35	38.3500	76.0	0.00	0.00
B-OFF-S4	50-12hr-10%	135.43	1.1167	6.02	2.54	38.3500	76.0	0.00	0.00
B-OFF-S4	50-12hr-90%	60.01	10.2500	5.83	2.84	38.3500	76.0	0.00	0.00
B-OFF-S4	50-1hr-10%	72.71	0.4833	3.51	1.38	38.3500	76.0	0.00	0.00
B-OFF-S4	50-1hr-90%	156.58	1.1167	3.51	1.38	38.3500	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-OFF-S4	50-24hr-10%	119.09	1.1167	6.31	2.90	38.3500	76.0	0.00	0.00
B-OFF-S4	50-24hr-90%	45.95	21.0000	5.85	2.95	38.3500	76.0	0.00	0.00
B-OFF-S4	50-6hr-10%	148.08	0.9667	6.59	3.12	38.3500	76.0	0.00	0.00
B-OFF-S4	50-6hr-90%	86.38	5.1833	5.48	2.35	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-12hr-10%	55.87	1.3500	4.86	2.16	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-12hr-90%	58.66	12.0000	5.78	2.81	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-1hr-10%	32.75	0.8000	2.42	0.65	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-1hr-90%	78.18	1.1167	2.42	0.65	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-24hr-10%	46.72	1.6000	4.67	2.02	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-24hr-90%	42.96	23.0167	5.25	2.46	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-6hr-10%	65.14	1.1000	4.67	2.20	38.3500	76.0	0.00	0.00
B-OFF-S4	5yr-6hr-90%	57.84	6.0167	4.69	2.28	38.3500	76.0	0.00	0.00

Simple Basin: B-S1

Scenario: PC
 Node: N-S1
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 21.6100 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 69.1400 ac
 Curve Number: 84.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S1	100-12hr-10%	332.67	0.9833	6.98	3.78	69.1400	84.0	0.00	0.00
B-S1	100-12hr-90%	109.44	9.7500	5.69	3.42	69.1400	84.0	0.00	0.00
B-S1	100-1hr-10%	214.82	0.4833	3.84	2.24	69.1400	84.0	0.00	0.00
B-S1	100-1hr-90%	381.41	1.1333	3.84	2.24	69.1400	84.0	0.00	0.00
B-S1	100-24hr-10%	301.19	1.1000	6.33	3.30	69.1400	84.0	0.00	0.00
B-S1	100-24hr-90%	90.81	20.5000	6.06	3.87	69.1400	84.0	0.00	0.00
B-S1	100-6hr-10%	362.72	0.9167	6.90	3.67	69.1400	84.0	0.00	0.00
B-S1	100-6hr-90%	180.56	5.0167	5.70	3.10	69.1400	84.0	0.00	0.00
B-S1	10yr-12hr-10%	166.62	1.1333	5.16	2.83	69.1400	84.0	0.00	0.00
B-S1	10yr-12hr-90%	111.55	11.2500	5.52	3.25	69.1400	84.0	0.00	0.00
B-S1	10yr-1hr-10%	121.07	0.5167	2.74	1.31	69.1400	84.0	0.00	0.00
B-S1	10yr-1hr-90%	231.42	1.1333	2.74	1.31	69.1400	84.0	0.00	0.00
B-S1	10yr-24hr-10%	141.04	1.1500	5.05	2.80	69.1400	84.0	0.00	0.00
B-S1	10yr-24hr-90%	92.77	22.5000	5.69	3.51	69.1400	84.0	0.00	0.00
B-S1	10yr-6hr-10%	192.77	1.0000	5.17	2.96	69.1400	84.0	0.00	0.00
B-S1	10yr-6hr-90%	146.87	6.0167	5.66	3.28	69.1400	84.0	0.00	0.00
B-S1	25yr-12hr-10%	226.87	1.0833	5.91	3.25	69.1400	84.0	0.00	0.00
B-S1	25yr-12hr-90%	119.80	10.7500	5.89	3.56	69.1400	84.0	0.00	0.00
B-S1	25yr-1hr-10%	157.22	0.5000	3.18	1.67	69.1400	84.0	0.00	0.00
B-S1	25yr-1hr-90%	290.60	1.1333	3.18	1.67	69.1400	84.0	0.00	0.00
B-S1	25yr-24hr-10%	199.51	1.1333	5.32	2.75	69.1400	84.0	0.00	0.00
B-S1	25yr-24hr-90%	97.03	21.7500	6.04	3.80	69.1400	84.0	0.00	0.00
B-S1	25yr-6hr-10%	256.03	0.9667	6.12	3.57	69.1400	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S1	25yr-6hr-90%	166.68	5.5167	5.64	3.12	69.1400	84.0	0.00	0.00
B-S1	2yr-12hr-10%	78.49	1.3667	4.15	2.51	69.1400	84.0	0.00	0.00
B-S1	2yr-12hr-90%	78.22	12.0333	4.15	2.51	69.1400	84.0	0.00	0.00
B-S1	2yr-1hr-10%	66.22	0.5500	2.00	0.75	69.1400	84.0	0.00	0.00
B-S1	2yr-1hr-90%	136.76	1.1500	2.00	0.75	69.1400	84.0	0.00	0.00
B-S1	2yr-24hr-10%	63.39	1.6167	4.87	3.16	69.1400	84.0	0.00	0.00
B-S1	2yr-24hr-90%	80.01	24.0167	4.87	3.16	69.1400	84.0	0.00	0.00
B-S1	2yr-6hr-10%	96.18	1.1000	3.47	1.91	69.1400	84.0	0.00	0.00
B-S1	2yr-6hr-90%	81.44	6.0167	3.47	1.91	69.1400	84.0	0.00	0.00
B-S1	50-12hr-10%	278.26	1.0333	6.02	3.08	69.1400	84.0	0.00	0.00
B-S1	50-12hr-90%	116.28	10.2500	5.83	3.52	69.1400	84.0	0.00	0.00
B-S1	50-1hr-10%	185.65	0.5000	3.51	1.95	69.1400	84.0	0.00	0.00
B-S1	50-1hr-90%	335.77	1.1333	3.51	1.95	69.1400	84.0	0.00	0.00
B-S1	50-24hr-10%	246.93	1.1167	6.31	3.50	69.1400	84.0	0.00	0.00
B-S1	50-24hr-90%	89.94	21.0000	5.85	3.67	69.1400	84.0	0.00	0.00
B-S1	50-6hr-10%	307.99	0.9333	6.59	3.71	69.1400	84.0	0.00	0.00
B-S1	50-6hr-90%	169.59	5.1833	5.48	2.95	69.1400	84.0	0.00	0.00
B-S1	5yr-12hr-10%	125.55	1.2000	4.86	2.79	69.1400	84.0	0.00	0.00
B-S1	5yr-12hr-90%	114.55	12.0000	5.78	3.49	69.1400	84.0	0.00	0.00
B-S1	5yr-1hr-10%	96.24	0.5333	2.42	1.06	69.1400	84.0	0.00	0.00
B-S1	5yr-1hr-90%	189.44	1.1333	2.42	1.06	69.1400	84.0	0.00	0.00
B-S1	5yr-24hr-10%	103.31	1.5833	4.67	2.63	69.1400	84.0	0.00	0.00
B-S1	5yr-24hr-90%	85.45	23.0167	5.25	3.13	69.1400	84.0	0.00	0.00
B-S1	5yr-6hr-10%	149.01	1.0333	4.67	2.87	69.1400	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-S1	5yr-6hr-90%	117.99	6.0167	4.69	2.97	69.1400	84.0	0.00	0.00

Simple Basin: B-S2

Scenario: PC
Node: N-S2-UP
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 34.0800 min
Max Allowable Q: 0.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH484
Peaking Factor: 484.0
Area: 101.9400 ac
Curve Number: 74.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S2	100-12hr-10%	399.23	1.2500	6.98	2.13	101.9400	74.0	0.00	0.00
B-S2	100-12hr-90%	129.19	9.7500	5.69	2.27	101.9400	74.0	0.00	0.00
B-S2	100-1hr-10%	172.07	0.8333	3.84	1.47	101.9400	74.0	0.00	0.00
B-S2	100-1hr-90%	279.33	1.2667	3.84	1.45	101.9400	74.0	0.00	0.00
B-S2	100-24hr-10%	352.49	1.2500	6.33	1.79	101.9400	74.0	0.00	0.00
B-S2	100-24hr-90%	112.44	20.5000	6.06	2.69	101.9400	74.0	0.00	0.00
B-S2	100-6hr-10%	420.90	1.1667	6.90	2.00	101.9400	74.0	0.00	0.00
B-S2	100-6hr-90%	203.23	5.0167	5.70	1.87	101.9400	74.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-S2	10yr-12hr-10%	186.35	1.6000	5.16	1.67	101.9400	74.0	0.00	0.00
B-S2	10yr-12hr-90%	131.98	11.2500	5.52	2.12	101.9400	74.0	0.00	0.00
B-S2	10yr-1hr-10%	89.93	0.9167	2.74	0.74	101.9400	74.0	0.00	0.00
B-S2	10yr-1hr-90%	144.13	1.2833	2.74	0.73	101.9400	74.0	0.00	0.00
B-S2	10yr-24hr-10%	159.19	1.7667	5.05	1.68	101.9400	74.0	0.00	0.00
B-S2	10yr-24hr-90%	113.20	22.5000	5.69	2.38	101.9400	74.0	0.00	0.00
B-S2	10yr-6hr-10%	204.24	1.3333	5.17	1.78	101.9400	74.0	0.00	0.00
B-S2	10yr-6hr-90%	178.94	6.0167	5.66	2.06	101.9400	74.0	0.00	0.00
B-S2	25yr-12hr-10%	264.51	1.5000	5.91	1.89	101.9400	74.0	0.00	0.00
B-S2	25yr-12hr-90%	142.86	10.7500	5.89	2.37	101.9400	74.0	0.00	0.00
B-S2	25yr-1hr-10%	120.97	0.8833	3.18	1.02	101.9400	74.0	0.00	0.00
B-S2	25yr-1hr-90%	195.55	1.2833	3.18	1.00	101.9400	74.0	0.00	0.00
B-S2	25yr-24hr-10%	228.04	1.5167	5.32	1.53	101.9400	74.0	0.00	0.00
B-S2	25yr-24hr-90%	117.65	21.7500	6.04	2.63	101.9400	74.0	0.00	0.00
B-S2	25yr-6hr-10%	284.01	1.2833	6.12	2.16	101.9400	74.0	0.00	0.00
B-S2	25yr-6hr-90%	192.85	5.5167	5.64	1.90	101.9400	74.0	0.00	0.00
B-S2	2yr-12hr-10%	77.43	1.8333	4.15	1.71	101.9400	74.0	0.00	0.00
B-S2	2yr-12hr-90%	89.26	12.1000	4.15	1.71	101.9400	74.0	0.00	0.00
B-S2	2yr-1hr-10%	44.48	0.9667	2.00	0.35	101.9400	74.0	0.00	0.00
B-S2	2yr-1hr-90%	68.62	1.3000	2.00	0.34	101.9400	74.0	0.00	0.00
B-S2	2yr-24hr-10%	63.11	2.2167	4.87	2.27	101.9400	74.0	0.00	0.00
B-S2	2yr-24hr-90%	95.99	24.0833	4.87	2.27	101.9400	74.0	0.00	0.00
B-S2	2yr-6hr-10%	88.36	1.4500	3.47	1.22	101.9400	74.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S2	2yr-6hr-90%	87.88	6.1000	3.47	1.22	101.9400	74.0	0.00	0.00
B-S2	50-12hr-10%	324.12	1.2500	6.02	1.65	101.9400	74.0	0.00	0.00
B-S2	50-12hr-90%	137.98	10.2500	5.83	2.34	101.9400	74.0	0.00	0.00
B-S2	50-1hr-10%	145.87	0.8667	3.51	1.24	101.9400	74.0	0.00	0.00
B-S2	50-1hr-90%	236.59	1.2667	3.51	1.22	101.9400	74.0	0.00	0.00
B-S2	50-24hr-10%	290.53	1.5167	6.31	2.07	101.9400	74.0	0.00	0.00
B-S2	50-24hr-90%	110.28	21.0000	5.85	2.52	101.9400	74.0	0.00	0.00
B-S2	50-6hr-10%	351.09	1.2500	6.59	2.15	101.9400	74.0	0.00	0.00
B-S2	50-6hr-90%	190.67	5.1833	5.48	1.76	101.9400	74.0	0.00	0.00
B-S2	5yr-12hr-10%	134.91	1.6833	4.86	1.74	101.9400	74.0	0.00	0.00
B-S2	5yr-12hr-90%	138.49	12.0000	5.78	2.32	101.9400	74.0	0.00	0.00
B-S2	5yr-1hr-10%	69.10	0.9333	2.42	0.56	101.9400	74.0	0.00	0.00
B-S2	5yr-1hr-90%	109.48	1.2833	2.42	0.55	101.9400	74.0	0.00	0.00
B-S2	5yr-24hr-10%	111.83	1.8667	4.67	1.63	101.9400	74.0	0.00	0.00
B-S2	5yr-24hr-90%	102.74	23.0167	5.25	2.06	101.9400	74.0	0.00	0.00
B-S2	5yr-6hr-10%	150.60	1.3667	4.67	1.90	101.9400	74.0	0.00	0.00
B-S2	5yr-6hr-90%	138.95	6.0833	4.69	2.01	101.9400	74.0	0.00	0.00

Simple Basin: B-S3

Scenario: PC
Node: N-S3-UP
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 12.5400 min
Max Allowable Q: 0.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH484

Peaking Factor: 484.0
 Area: 20.8100 ac
 Curve Number: 77.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S3	100-12hr-10%	91.37	1.0500	6.98	3.64	20.8100	77.0	0.00	0.00
B-S3	100-12hr-90%	32.21	9.7500	5.69	2.95	20.8100	77.0	0.00	0.00
B-S3	100-1hr-10%	55.95	0.3833	3.84	1.69	20.8100	77.0	0.00	0.00
B-S3	100-1hr-90%	124.57	1.0667	3.84	1.69	20.8100	77.0	0.00	0.00
B-S3	100-24hr-10%	83.80	1.0500	6.33	3.15	20.8100	77.0	0.00	0.00
B-S3	100-24hr-90%	25.88	20.5000	6.06	3.33	20.8100	77.0	0.00	0.00
B-S3	100-6hr-10%	99.80	0.8667	6.90	3.58	20.8100	77.0	0.00	0.00
B-S3	100-6hr-90%	53.65	5.0167	5.70	2.77	20.8100	77.0	0.00	0.00
B-S3	10yr-12hr-10%	43.05	1.0833	5.16	2.47	20.8100	77.0	0.00	0.00
B-S3	10yr-12hr-90%	32.42	11.2500	5.52	2.80	20.8100	77.0	0.00	0.00
B-S3	10yr-1hr-10%	27.79	0.4167	2.74	0.90	20.8100	77.0	0.00	0.00
B-S3	10yr-1hr-90%	70.89	1.0667	2.74	0.90	20.8100	77.0	0.00	0.00
B-S3	10yr-24hr-10%	36.63	1.5333	5.05	2.40	20.8100	77.0	0.00	0.00
B-S3	10yr-24hr-90%	26.28	22.5000	5.69	3.00	20.8100	77.0	0.00	0.00
B-S3	10yr-6hr-10%	49.70	0.9167	5.17	2.55	20.8100	77.0	0.00	0.00
B-S3	10yr-6hr-90%	41.20	6.0000	5.66	2.88	20.8100	77.0	0.00	0.00
B-S3	25yr-12hr-	60.65	1.0667	5.91	2.96	20.8100	77.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	10%								
B-S3	25yr-12hr-90%	35.20	10.7500	5.89	3.09	20.8100	77.0	0.00	0.00
B-S3	25yr-1hr-10%	38.36	0.4000	3.18	1.20	20.8100	77.0	0.00	0.00
B-S3	25yr-1hr-90%	91.86	1.0667	3.18	1.20	20.8100	77.0	0.00	0.00
B-S3	25yr-24hr-10%	53.22	1.0667	5.32	2.47	20.8100	77.0	0.00	0.00
B-S3	25yr-24hr-90%	29.09	21.7500	6.04	3.28	20.8100	77.0	0.00	0.00
B-S3	25yr-6hr-10%	68.24	0.9000	6.12	3.23	20.8100	77.0	0.00	0.00
B-S3	25yr-6hr-90%	48.38	5.5167	5.64	2.77	20.8100	77.0	0.00	0.00
B-S3	2yr-12hr-10%	18.57	1.3333	4.15	1.93	20.8100	77.0	0.00	0.00
B-S3	2yr-12hr-90%	21.59	12.0000	4.15	1.93	20.8100	77.0	0.00	0.00
B-S3	2yr-1hr-10%	13.26	0.7667	2.00	0.45	20.8100	77.0	0.00	0.00
B-S3	2yr-1hr-90%	38.16	1.0667	2.00	0.45	20.8100	77.0	0.00	0.00
B-S3	2yr-24hr-10%	15.04	1.5667	4.87	2.52	20.8100	77.0	0.00	0.00
B-S3	2yr-24hr-90%	22.23	24.0000	4.87	2.52	20.8100	77.0	0.00	0.00
B-S3	2yr-6hr-10%	22.53	1.0667	3.47	1.41	20.8100	77.0	0.00	0.00
B-S3	2yr-6hr-90%	21.37	6.0000	3.47	1.41	20.8100	77.0	0.00	0.00
B-S3	50-12hr-10%	75.64	1.0500	6.02	2.91	20.8100	77.0	0.00	0.00
B-S3	50-12hr-90%	34.24	10.2500	5.83	3.05	20.8100	77.0	0.00	0.00
B-S3	50-1hr-10%	46.92	0.4000	3.51	1.44	20.8100	77.0	0.00	0.00
B-S3	50-1hr-90%	108.07	1.0667	3.51	1.44	20.8100	77.0	0.00	0.00
B-S3	50-24hr-10%	67.41	1.0667	6.31	3.23	20.8100	77.0	0.00	0.00
B-S3	50-24hr-90%	25.56	21.0000	5.85	3.14	20.8100	77.0	0.00	0.00
B-S3	50-6hr-10%	83.57	0.8833	6.59	3.48	20.8100	77.0	0.00	0.00
B-S3	50-6hr-90%	49.86	5.1833	5.48	2.61	20.8100	77.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S3	5yr-12hr-10%	31.51	1.3000	4.86	2.33	20.8100	77.0	0.00	0.00
B-S3	5yr-12hr-90%	33.14	12.0000	5.78	3.02	20.8100	77.0	0.00	0.00
B-S3	5yr-1hr-10%	20.83	0.4333	2.42	0.69	20.8100	77.0	0.00	0.00
B-S3	5yr-1hr-90%	56.25	1.0667	2.42	0.69	20.8100	77.0	0.00	0.00
B-S3	5yr-24hr-10%	26.49	1.5500	4.67	2.18	20.8100	77.0	0.00	0.00
B-S3	5yr-24hr-90%	23.97	23.0167	5.25	2.64	20.8100	77.0	0.00	0.00
B-S3	5yr-6hr-10%	37.03	0.9500	4.67	2.31	20.8100	77.0	0.00	0.00
B-S3	5yr-6hr-90%	32.39	6.0000	4.69	2.37	20.8100	77.0	0.00	0.00

Simple Basin: B-S4

Scenario: PC
Node: N-OFF-S4
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 5.0300 min
Max Allowable Q: 0.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH484
Peaking Factor: 484.0
Area: 7.6300 ac
Curve Number: 79.0
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S4	100-12hr-10%	35.73	0.7667	6.98	4.31	7.6300	79.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S4	100-12hr-90%	12.44	9.7500	5.69	3.31	7.6300	79.0	0.00	0.00
B-S4	100-1hr-10%	27.22	0.2667	3.84	1.84	7.6300	79.0	0.00	0.00
B-S4	100-1hr-90%	63.29	1.0000	3.84	1.84	7.6300	79.0	0.00	0.00
B-S4	100-24hr-10%	32.46	1.0000	6.33	3.75	7.6300	79.0	0.00	0.00
B-S4	100-24hr-90%	9.79	20.5000	6.06	3.67	7.6300	79.0	0.00	0.00
B-S4	100-6hr-10%	39.11	0.6833	6.90	4.25	7.6300	79.0	0.00	0.00
B-S4	100-6hr-90%	21.20	5.0167	5.70	3.25	7.6300	79.0	0.00	0.00
B-S4	10yr-12hr-10%	17.06	1.0167	5.16	2.84	7.6300	79.0	0.00	0.00
B-S4	10yr-12hr-90%	12.50	11.2500	5.52	3.16	7.6300	79.0	0.00	0.00
B-S4	10yr-1hr-10%	13.92	0.2833	2.74	1.01	7.6300	79.0	0.00	0.00
B-S4	10yr-1hr-90%	38.11	1.0000	2.74	1.01	7.6300	79.0	0.00	0.00
B-S4	10yr-24hr-10%	14.58	1.0167	5.05	2.76	7.6300	79.0	0.00	0.00
B-S4	10yr-24hr-90%	9.97	22.5000	5.69	3.34	7.6300	79.0	0.00	0.00
B-S4	10yr-6hr-10%	19.81	0.8500	5.17	2.88	7.6300	79.0	0.00	0.00
B-S4	10yr-6hr-90%	15.67	6.0000	5.66	3.29	7.6300	79.0	0.00	0.00
B-S4	25yr-12hr-10%	23.58	1.0167	5.91	3.44	7.6300	79.0	0.00	0.00
B-S4	25yr-12hr-90%	13.55	10.7500	5.89	3.48	7.6300	79.0	0.00	0.00
B-S4	25yr-1hr-10%	18.91	0.2833	3.18	1.33	7.6300	79.0	0.00	0.00
B-S4	25yr-1hr-90%	48.06	1.0000	3.18	1.33	7.6300	79.0	0.00	0.00
B-S4	25yr-24hr-10%	21.10	1.0000	5.32	2.93	7.6300	79.0	0.00	0.00
B-S4	25yr-24hr-90%	11.27	21.7500	6.04	3.64	7.6300	79.0	0.00	0.00
B-S4	25yr-6hr-10%	26.74	0.6833	6.12	3.67	7.6300	79.0	0.00	0.00
B-S4	25yr-6hr-90%	18.83	5.5167	5.64	3.22	7.6300	79.0	0.00	0.00
B-S4	2yr-12hr-10%	7.55	1.2667	4.15	2.09	7.6300	79.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-S4	2yr-12hr-9 0%	8.43	12.0000	4.15	2.09	7.6300	79.0	0.00	0.00
B-S4	2yr-1hr-10 %	6.68	0.3167	2.00	0.52	7.6300	79.0	0.00	0.00
B-S4	2yr-1hr-90 %	22.14	1.0167	2.00	0.53	7.6300	79.0	0.00	0.00
B-S4	2yr-24hr-1 0%	6.16	1.5000	4.87	2.70	7.6300	79.0	0.00	0.00
B-S4	2yr-24hr-9 0%	8.50	24.0000	4.87	2.70	7.6300	79.0	0.00	0.00
B-S4	2yr-6hr-10 %	9.20	0.8500	3.47	1.55	7.6300	79.0	0.00	0.00
B-S4	2yr-6hr-90 %	8.38	6.0000	3.47	1.55	7.6300	79.0	0.00	0.00
B-S4	50-12hr-1 0%	29.47	0.7667	6.02	3.49	7.6300	79.0	0.00	0.00
B-S4	50-12hr-9 0%	13.20	10.2500	5.83	3.43	7.6300	79.0	0.00	0.00
B-S4	50-1hr-10 %	22.99	0.2667	3.51	1.58	7.6300	79.0	0.00	0.00
B-S4	50-1hr-90 %	55.64	1.0000	3.51	1.58	7.6300	79.0	0.00	0.00
B-S4	50-24hr-1 0%	26.40	1.0000	6.31	3.77	7.6300	79.0	0.00	0.00
B-S4	50-24hr-9 0%	9.68	21.0000	5.85	3.48	7.6300	79.0	0.00	0.00
B-S4	50-6hr-10 %	32.77	0.6833	6.59	4.03	7.6300	79.0	0.00	0.00
B-S4	50-6hr-90 %	19.66	5.1833	5.48	3.06	7.6300	79.0	0.00	0.00
B-S4	5yr-12hr-1 0%	12.58	1.0167	4.86	2.62	7.6300	79.0	0.00	0.00
B-S4	5yr-12hr-9 0%	12.71	12.0000	5.78	3.39	7.6300	79.0	0.00	0.00
B-S4	5yr-1hr-10 %	10.59	0.3000	2.42	0.79	7.6300	79.0	0.00	0.00
B-S4	5yr-1hr-90 %	31.05	1.0000	2.42	0.79	7.6300	79.0	0.00	0.00
B-S4	5yr-24hr-1 0%	10.49	1.5000	4.67	2.46	7.6300	79.0	0.00	0.00
B-S4	5yr-24hr-9 0%	9.18	23.0167	5.25	2.95	7.6300	79.0	0.00	0.00
B-S4	5yr-6hr-10 %	15.02	0.8500	4.67	2.52	7.6300	79.0	0.00	0.00
B-S4	5yr-6hr-90 %	12.45	6.0000	4.69	2.55	7.6300	79.0	0.00	0.00

Simple Basin: B-S5

Scenario: PC
 Node: N-S5-UP
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 7.8800 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 20.2200 ac
 Curve Number: 82.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S5	100-12hr-10%	98.19	0.7833	6.98	4.45	20.2200	82.0	0.00	0.00
B-S5	100-12hr-90%	33.83	9.7500	5.69	3.53	20.2200	82.0	0.00	0.00
B-S5	100-1hr-1 0%	78.20	0.3000	3.84	2.07	20.2200	82.0	0.00	0.00
B-S5	100-1hr-9 0%	164.49	1.0167	3.84	2.07	20.2200	82.0	0.00	0.00
B-S5	100-24hr-10%	88.58	1.0167	6.33	3.90	20.2200	82.0	0.00	0.00
B-S5	100-24hr-90%	26.62	20.5000	6.06	3.91	20.2200	82.0	0.00	0.00
B-S5	100-6hr-1 0%	107.79	0.7000	6.90	4.39	20.2200	82.0	0.00	0.00
B-S5	100-6hr-9 0%	57.27	5.0167	5.70	3.42	20.2200	82.0	0.00	0.00
B-S5	10yr-12hr-10%	47.89	1.0333	5.16	3.03	20.2200	82.0	0.00	0.00
B-S5	10yr-12hr-90%	34.06	11.2500	5.52	3.37	20.2200	82.0	0.00	0.00
B-S5	10yr-1hr-1 0%	42.16	0.3167	2.74	1.18	20.2200	82.0	0.00	0.00
B-S5	10yr-1hr-9 0%	101.06	1.0167	2.74	1.18	20.2200	82.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S5	10yr-24hr-10%	41.29	1.0333	5.05	2.95	20.2200	82.0	0.00	0.00
B-S5	10yr-24hr-90%	27.19	22.5000	5.69	3.57	20.2200	82.0	0.00	0.00
B-S5	10yr-6hr-10%	55.85	0.8667	5.17	3.10	20.2200	82.0	0.00	0.00
B-S5	10yr-6hr-90%	42.75	6.0000	5.66	3.49	20.2200	82.0	0.00	0.00
B-S5	25yr-12hr-10%	65.77	0.7833	5.91	3.62	20.2200	82.0	0.00	0.00
B-S5	25yr-12hr-90%	36.81	10.7500	5.89	3.70	20.2200	82.0	0.00	0.00
B-S5	25yr-1hr-10%	55.86	0.3167	3.18	1.52	20.2200	82.0	0.00	0.00
B-S5	25yr-1hr-90%	126.20	1.0167	3.18	1.53	20.2200	82.0	0.00	0.00
B-S5	25yr-24hr-10%	58.64	1.0167	5.32	3.09	20.2200	82.0	0.00	0.00
B-S5	25yr-24hr-90%	30.54	21.7500	6.04	3.87	20.2200	82.0	0.00	0.00
B-S5	25yr-6hr-10%	75.05	0.7167	6.12	3.88	20.2200	82.0	0.00	0.00
B-S5	25yr-6hr-90%	51.10	5.5167	5.64	3.40	20.2200	82.0	0.00	0.00
B-S5	2yr-12hr-10%	21.93	1.2833	4.15	2.33	20.2200	82.0	0.00	0.00
B-S5	2yr-12hr-90%	23.31	12.0000	4.15	2.33	20.2200	82.0	0.00	0.00
B-S5	2yr-1hr-10%	21.71	0.3500	2.00	0.65	20.2200	82.0	0.00	0.00
B-S5	2yr-1hr-90%	60.56	1.0333	2.00	0.65	20.2200	82.0	0.00	0.00
B-S5	2yr-24hr-10%	17.94	1.5167	4.87	2.97	20.2200	82.0	0.00	0.00
B-S5	2yr-24hr-90%	23.35	24.0000	4.87	2.97	20.2200	82.0	0.00	0.00
B-S5	2yr-6hr-10%	27.22	0.8833	3.47	1.76	20.2200	82.0	0.00	0.00
B-S5	2yr-6hr-90%	23.51	6.0000	3.47	1.76	20.2200	82.0	0.00	0.00
B-S5	50-12hr-10%	81.64	0.7833	6.02	3.63	20.2200	82.0	0.00	0.00
B-S5	50-12hr-90%	35.87	10.2500	5.83	3.65	20.2200	82.0	0.00	0.00
B-S5	50-1hr-10%	66.85	0.3000	3.51	1.79	20.2200	82.0	0.00	0.00
B-S5	50-1hr-90%	145.29	1.0167	3.51	1.79	20.2200	82.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-S5	50-24hr-10%	72.63	1.0167	6.31	3.94	20.2200	82.0	0.00	0.00
B-S5	50-24hr-90%	26.38	21.0000	5.85	3.72	20.2200	82.0	0.00	0.00
B-S5	50-6hr-10%	91.00	0.7000	6.59	4.21	20.2200	82.0	0.00	0.00
B-S5	50-6hr-90%	53.26	5.1833	5.48	3.24	20.2200	82.0	0.00	0.00
B-S5	5yr-12hr-10%	35.93	1.0333	4.86	2.84	20.2200	82.0	0.00	0.00
B-S5	5yr-12hr-90%	34.58	12.0000	5.78	3.61	20.2200	82.0	0.00	0.00
B-S5	5yr-1hr-10%	32.82	0.3333	2.42	0.94	20.2200	82.0	0.00	0.00
B-S5	5yr-1hr-90%	83.11	1.0167	2.42	0.94	20.2200	82.0	0.00	0.00
B-S5	5yr-24hr-10%	29.78	1.0333	4.67	2.68	20.2200	82.0	0.00	0.00
B-S5	5yr-24hr-90%	25.02	23.0167	5.25	3.17	20.2200	82.0	0.00	0.00
B-S5	5yr-6hr-10%	43.01	0.8667	4.67	2.77	20.2200	82.0	0.00	0.00
B-S5	5yr-6hr-90%	34.25	6.0000	4.69	2.81	20.2200	82.0	0.00	0.00

Simple Basin: B-S6

Scenario: PC
 Node: N-S6-OUT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 48.3600 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 19.5700 ac
 Curve Number: 81.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S6	100-12hr-10%	77.92	1.2500	6.98	1.92	19.5700	81.0	0.00	0.00
B-S6	100-12hr-90%	25.12	9.7500	5.69	2.63	19.5700	81.0	0.00	0.00
B-S6	100-1hr-10%	38.89	0.9667	3.84	1.92	19.5700	81.0	0.00	0.00
B-S6	100-1hr-90%	51.99	1.4167	3.84	1.78	19.5700	81.0	0.00	0.00
B-S6	100-24hr-10%	68.60	1.2500	6.33	1.63	19.5700	81.0	0.00	0.00
B-S6	100-24hr-90%	22.03	20.5000	6.06	3.12	19.5700	81.0	0.00	0.00
B-S6	100-6hr-10%	81.03	1.1667	6.90	1.75	19.5700	81.0	0.00	0.00
B-S6	100-6hr-90%	38.55	5.0167	5.70	2.04	19.5700	81.0	0.00	0.00
B-S6	10yr-12hr-10%	40.64	1.7000	5.16	1.78	19.5700	81.0	0.00	0.00
B-S6	10yr-12hr-90%	25.99	11.2500	5.52	2.45	19.5700	81.0	0.00	0.00
B-S6	10yr-1hr-10%	22.06	1.0000	2.74	1.08	19.5700	81.0	0.00	0.00
B-S6	10yr-1hr-90%	29.57	1.4167	2.74	1.00	19.5700	81.0	0.00	0.00
B-S6	10yr-24hr-10%	34.94	1.8667	5.05	1.85	19.5700	81.0	0.00	0.00
B-S6	10yr-24hr-90%	22.35	22.5000	5.69	2.77	19.5700	81.0	0.00	0.00
B-S6	10yr-6hr-10%	44.23	1.4500	5.17	1.88	19.5700	81.0	0.00	0.00
B-S6	10yr-6hr-90%	35.88	6.0167	5.66	2.28	19.5700	81.0	0.00	0.00
B-S6	25yr-12hr-10%	55.46	1.5167	5.91	1.88	19.5700	81.0	0.00	0.00
B-S6	25yr-12hr-90%	27.78	10.7500	5.89	2.71	19.5700	81.0	0.00	0.00
B-S6	25yr-1hr-10%	28.55	0.9833	3.18	1.41	19.5700	81.0	0.00	0.00
B-S6	25yr-1hr-90%	38.28	1.4167	3.18	1.30	19.5700	81.0	0.00	0.00
B-S6	25yr-24hr-10%	47.91	1.5167	5.32	1.54	19.5700	81.0	0.00	0.00
B-S6	25yr-24hr-90%	23.20	21.7500	6.04	3.04	19.5700	81.0	0.00	0.00
B-S6	25yr-6hr-10%	59.46	1.4167	6.12	2.14	19.5700	81.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S6	25yr-6hr-90%	37.39	5.5167	5.64	2.09	19.5700	81.0	0.00	0.00
B-S6	2yr-12hr-10%	18.61	1.8833	4.15	2.25	19.5700	81.0	0.00	0.00
B-S6	2yr-12hr-90%	18.76	12.1667	4.15	2.25	19.5700	81.0	0.00	0.00
B-S6	2yr-1hr-10%	12.14	1.0500	2.00	0.58	19.5700	81.0	0.00	0.00
B-S6	2yr-1hr-90%	16.17	1.4333	2.00	0.54	19.5700	81.0	0.00	0.00
B-S6	2yr-24hr-10%	15.22	2.2167	4.87	2.88	19.5700	81.0	0.00	0.00
B-S6	2yr-24hr-90%	19.66	24.1500	4.87	2.88	19.5700	81.0	0.00	0.00
B-S6	2yr-6hr-10%	21.21	1.5667	3.47	1.69	19.5700	81.0	0.00	0.00
B-S6	2yr-6hr-90%	19.29	6.1667	3.47	1.69	19.5700	81.0	0.00	0.00
B-S6	50-12hr-10%	63.93	1.2500	6.02	1.52	19.5700	81.0	0.00	0.00
B-S6	50-12hr-90%	26.77	10.2500	5.83	2.69	19.5700	81.0	0.00	0.00
B-S6	50-1hr-10%	33.65	0.9667	3.51	1.66	19.5700	81.0	0.00	0.00
B-S6	50-1hr-90%	45.05	1.4167	3.51	1.54	19.5700	81.0	0.00	0.00
B-S6	50-24hr-10%	60.12	1.5167	6.31	2.03	19.5700	81.0	0.00	0.00
B-S6	50-24hr-90%	21.66	21.0000	5.85	2.94	19.5700	81.0	0.00	0.00
B-S6	50-6hr-10%	71.75	1.3333	6.59	2.00	19.5700	81.0	0.00	0.00
B-S6	50-6hr-90%	36.55	5.1833	5.48	1.93	19.5700	81.0	0.00	0.00
B-S6	5yr-12hr-10%	30.40	1.7667	4.86	1.99	19.5700	81.0	0.00	0.00
B-S6	5yr-12hr-90%	27.40	12.0000	5.78	2.65	19.5700	81.0	0.00	0.00
B-S6	5yr-1hr-10%	17.59	1.0167	2.42	0.85	19.5700	81.0	0.00	0.00
B-S6	5yr-1hr-90%	23.54	1.4167	2.42	0.79	19.5700	81.0	0.00	0.00
B-S6	5yr-24hr-10%	25.55	2.0000	4.67	1.90	19.5700	81.0	0.00	0.00
B-S6	5yr-24hr-90%	20.50	23.0167	5.25	2.44	19.5700	81.0	0.00	0.00
B-S6	5yr-6hr-10%	33.76	1.5000	4.67	2.26	19.5700	81.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	%								
B-S6	5yr-6hr-90%	28.97	6.1500	4.69	2.36	19.5700	81.0	0.00	0.00

Simple Basin: B-S7

Scenario: PC
 Node: N-S7-OUT
 Hydrograph Method: NRCS Unit Hydrograph
 Infiltration Method: Curve Number
 Time of Concentration: 62.4200 min
 Max Allowable Q: 0.00 cfs
 Time Shift: 0.0000 hr
 Unit Hydrograph: UH484
 Peaking Factor: 484.0
 Area: 271.0600 ac
 Curve Number: 80.0
 % Impervious: 0.00
 % DCIA: 0.00
 % Direct: 0.00
 Rainfall Name:

Comment:

Simple Basin Runoff Summary [PC]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S7	100-12hr-10%	874.49	1.2500	6.98	1.28	271.0600	80.0	0.00	0.00
B-S7	100-12hr-90%	313.47	9.7500	5.69	2.32	271.0600	80.0	0.00	0.00
B-S7	100-1hr-10%	454.11	1.1500	3.84	1.74	271.0600	80.0	0.00	0.00
B-S7	100-1hr-90%	548.14	1.5667	3.84	1.48	271.0600	80.0	0.00	0.00
B-S7	100-24hr-10%	758.49	1.2500	6.33	1.08	271.0600	80.0	0.00	0.00
B-S7	100-24hr-90%	281.26	20.5000	6.06	2.83	271.0600	80.0	0.00	0.00
B-S7	100-6hr-10%	872.71	1.1667	6.90	1.12	271.0600	80.0	0.00	0.00
B-S7	100-6hr-90%	457.10	5.0167	5.70	1.65	271.0600	80.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
	0%								
B-S7	10yr-12hr-10%	516.91	1.7667	5.16	1.34	271.0600	80.0	0.00	0.00
B-S7	10yr-12hr-90%	325.03	11.2500	5.52	2.14	271.0600	80.0	0.00	0.00
B-S7	10yr-1hr-10%	253.81	1.1833	2.74	0.96	271.0600	80.0	0.00	0.00
B-S7	10yr-1hr-90%	305.94	1.5667	2.74	0.81	271.0600	80.0	0.00	0.00
B-S7	10yr-24hr-10%	453.98	2.0167	5.05	1.46	271.0600	80.0	0.00	0.00
B-S7	10yr-24hr-90%	284.33	22.5000	5.69	2.48	271.0600	80.0	0.00	0.00
B-S7	10yr-6hr-10%	553.75	1.6667	5.17	1.42	271.0600	80.0	0.00	0.00
B-S7	10yr-6hr-90%	446.89	6.0167	5.66	1.89	271.0600	80.0	0.00	0.00
B-S7	25yr-12hr-10%	672.71	1.5167	5.91	1.35	271.0600	80.0	0.00	0.00
B-S7	25yr-12hr-90%	347.02	10.7500	5.89	2.38	271.0600	80.0	0.00	0.00
B-S7	25yr-1hr-10%	331.04	1.1667	3.18	1.26	271.0600	80.0	0.00	0.00
B-S7	25yr-1hr-90%	399.55	1.5667	3.18	1.07	271.0600	80.0	0.00	0.00
B-S7	25yr-24hr-10%	570.46	1.5167	5.32	1.10	271.0600	80.0	0.00	0.00
B-S7	25yr-24hr-90%	296.14	21.7500	6.04	2.74	271.0600	80.0	0.00	0.00
B-S7	25yr-6hr-10%	739.22	1.5167	6.12	1.56	271.0600	80.0	0.00	0.00
B-S7	25yr-6hr-90%	450.96	5.5167	5.64	1.70	271.0600	80.0	0.00	0.00
B-S7	2yr-12hr-10%	238.10	2.1333	4.15	2.17	271.0600	80.0	0.00	0.00
B-S7	2yr-12hr-90%	239.91	12.2500	4.15	2.17	271.0600	80.0	0.00	0.00
B-S7	2yr-1hr-10%	136.65	1.2167	2.00	0.50	271.0600	80.0	0.00	0.00
B-S7	2yr-1hr-90%	163.65	1.5833	2.00	0.43	271.0600	80.0	0.00	0.00
B-S7	2yr-24hr-10%	197.72	2.4667	4.87	2.79	271.0600	80.0	0.00	0.00
B-S7	2yr-24hr-90%	254.11	24.2333	4.87	2.79	271.0600	80.0	0.00	0.00
B-S7	2yr-6hr-10%	261.69	1.7667	3.47	1.62	271.0600	80.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
B-S7	2yr-6hr-90%	242.36	6.2667	3.47	1.62	271.0600	80.0	0.00	0.00
B-S7	50-12hr-10%	706.01	1.2500	6.02	1.00	271.0600	80.0	0.00	0.00
B-S7	50-12hr-90%	333.90	10.2500	5.83	2.37	271.0600	80.0	0.00	0.00
B-S7	50-1hr-10%	391.65	1.1500	3.51	1.49	271.0600	80.0	0.00	0.00
B-S7	50-1hr-90%	472.81	1.5667	3.51	1.27	271.0600	80.0	0.00	0.00
B-S7	50-24hr-10%	728.18	1.5167	6.31	1.46	271.0600	80.0	0.00	0.00
B-S7	50-24hr-90%	276.01	21.0000	5.85	2.65	271.0600	80.0	0.00	0.00
B-S7	50-6hr-10%	839.62	1.3333	6.59	1.38	271.0600	80.0	0.00	0.00
B-S7	50-6hr-90%	434.25	5.1833	5.48	1.56	271.0600	80.0	0.00	0.00
B-S7	5yr-12hr-10%	391.56	2.0167	4.86	1.64	271.0600	80.0	0.00	0.00
B-S7	5yr-12hr-90%	346.23	12.0000	5.78	2.32	271.0600	80.0	0.00	0.00
B-S7	5yr-1hr-10%	200.85	1.1833	2.42	0.75	271.0600	80.0	0.00	0.00
B-S7	5yr-1hr-90%	241.70	1.5833	2.42	0.64	271.0600	80.0	0.00	0.00
B-S7	5yr-24hr-10%	334.30	2.3000	4.67	1.59	271.0600	80.0	0.00	0.00
B-S7	5yr-24hr-90%	260.11	23.0167	5.25	2.17	271.0600	80.0	0.00	0.00
B-S7	5yr-6hr-10%	420.64	1.7000	4.67	1.94	271.0600	80.0	0.00	0.00
B-S7	5yr-6hr-90%	369.37	6.2500	4.69	2.03	271.0600	80.0	0.00	0.00

Node: N-G1-OUT

Scenario: PC
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 5.74 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G1-O UT	100-12hr-10%	0.00	5.74	0.0000	1035.40	0.00	0	0.0000	0.0000	1.2500	0.0000
N-G1-O UT	100-12hr-90%	0.00	5.74	0.0000	357.93	0.00	0	0.0000	0.0000	9.7500	0.0000
N-G1-O UT	100-1hr-10%	0.00	5.74	0.0000	535.79	0.00	0	0.0000	0.0000	1.1000	0.0000
N-G1-O UT	100-1hr-90%	0.00	5.74	0.0000	657.34	0.00	0	0.0000	0.0000	1.5333	0.0000
N-G1-O UT	100-24hr-10%	0.00	5.74	0.0000	902.65	0.00	0	0.0000	0.0000	1.2500	0.0000
N-G1-O UT	100-24hr-90%	0.00	5.74	0.0000	319.15	0.00	0	0.0000	0.0000	20.5000	0.0000
N-G1-O UT	100-6hr-10%	0.00	5.74	0.0000	1044.59	0.00	0	0.0000	0.0000	1.1667	0.0000
N-G1-O UT	100-6hr-90%	0.00	5.74	0.0000	522.95	0.00	0	0.0000	0.0000	5.0000	0.0000
N-G1-O UT	10yr-12hr-10%	0.00	5.74	0.0000	593.99	0.00	0	0.0000	0.0000	1.7500	0.0000
N-G1-O UT	10yr-12hr-90%	0.00	5.74	0.0000	371.41	0.00	0	0.0000	0.0000	11.2500	0.0000
N-G1-O UT	10yr-1hr-10%	0.00	5.74	0.0000	303.61	0.00	0	0.0000	0.0000	1.1333	0.0000
N-G1-O UT	10yr-1hr-90%	0.00	5.74	0.0000	372.32	0.00	0	0.0000	0.0000	1.5333	0.0000
N-G1-O UT	10yr-24hr-10%	0.00	5.74	0.0000	518.51	0.00	0	0.0000	0.0000	2.0000	0.0000
N-G1-O UT	10yr-24hr-90%	0.00	5.74	0.0000	323.27	0.00	0	0.0000	0.0000	22.5000	0.0000
N-G1-O UT	10yr-6hr-10%	0.00	5.74	0.0000	637.50	0.00	0	0.0000	0.0000	1.6166	0.0000
N-G1-O UT	10yr-6hr-90%	0.00	5.74	0.0000	508.91	0.00	0	0.0000	0.0000	6.0000	0.0000
N-G1-O UT	25yr-12hr-10%	0.00	5.74	0.0000	777.76	0.00	0	0.0000	0.0000	1.5000	0.0000
N-G1-O UT	25yr-12hr-90%	0.00	5.74	0.0000	396.15	0.00	0	0.0000	0.0000	10.7500	0.0000
N-G1-O UT	25yr-1hr-10%	0.00	5.74	0.0000	393.34	0.00	0	0.0000	0.0000	1.1167	0.0000
N-G1-O UT	25yr-1hr-90%	0.00	5.74	0.0000	482.83	0.00	0	0.0000	0.0000	1.5333	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
UT	-90%										
N-G1-O UT	25yr-24hr-10%	0.00	5.74	0.0000	662.46	0.00	0	0.0000	0.0000	1.5000	0.0000
N-G1-O UT	25yr-24hr-90%	0.00	5.74	0.0000	336.08	0.00	0	0.0000	0.0000	21.7500	0.0000
N-G1-O UT	25yr-6hr-10%	0.00	5.74	0.0000	852.13	0.00	0	0.0000	0.0000	1.5000	0.0000
N-G1-O UT	25yr-6hr-90%	0.00	5.74	0.0000	515.28	0.00	0	0.0000	0.0000	5.5000	0.0000
N-G1-O UT	2yr-12hr-10%	0.00	5.74	0.0000	274.99	0.00	0	0.0000	0.0000	2.0667	0.0000
N-G1-O UT	2yr-12hr-90%	0.00	5.74	0.0000	273.89	0.00	0	0.0000	0.0000	12.2333	0.0000
N-G1-O UT	2yr-1hr-10%	0.00	5.74	0.0000	166.40	0.00	0	0.0000	0.0000	1.1667	0.0000
N-G1-O UT	2yr-1hr-90%	0.00	5.74	0.0000	202.97	0.00	0	0.0000	0.0000	1.5500	0.0000
N-G1-O UT	2yr-24hr-10%	0.00	5.74	0.0000	227.57	0.00	0	0.0000	0.0000	2.3833	0.0000
N-G1-O UT	2yr-24hr-90%	0.00	5.74	0.0000	288.36	0.00	0	0.0000	0.0000	24.2167	0.0000
N-G1-O UT	2yr-6hr-10%	0.00	5.74	0.0000	305.63	0.00	0	0.0000	0.0000	1.7167	0.0000
N-G1-O UT	2yr-6hr-90%	0.00	5.74	0.0000	279.46	0.00	0	0.0000	0.0000	6.2334	0.0000
N-G1-O UT	50-12hr-10%	0.00	5.74	0.0000	841.34	0.00	0	0.0000	0.0000	1.2500	0.0000
N-G1-O UT	50-12hr-90%	0.00	5.74	0.0000	381.27	0.00	0	0.0000	0.0000	10.2500	0.0000
N-G1-O UT	50-1hr-10%	0.00	5.74	0.0000	463.57	0.00	0	0.0000	0.0000	1.1167	0.0000
N-G1-O UT	50-1hr-90%	0.00	5.74	0.0000	568.98	0.00	0	0.0000	0.0000	1.5333	0.0000
N-G1-O UT	50-24hr-10%	0.00	5.74	0.0000	840.57	0.00	0	0.0000	0.0000	1.5000	0.0000
N-G1-O UT	50-24hr-90%	0.00	5.74	0.0000	313.46	0.00	0	0.0000	0.0000	21.0000	0.0000
N-G1-O UT	50-6hr-10%	0.00	5.74	0.0000	863.30	0.00	0	0.0000	0.0000	1.1667	0.0000
N-G1-O UT	50-6hr-90%	0.00	5.74	0.0000	497.21	0.00	0	0.0000	0.0000	5.1667	0.0000
N-G1-O UT	5yr-12hr-10%	0.00	5.74	0.0000	448.51	0.00	0	0.0000	0.0000	1.9500	0.0000
N-G1-O UT	5yr-12hr-90%	0.00	5.74	0.0000	394.51	0.00	0	0.0000	0.0000	12.0000	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G1-O UT	5yr-1hr-10%	0.00	5.74	0.0000	241.81	0.00	0	0.0000	0.0000	1.1500	0.0000
N-G1-O UT	5yr-1hr-90%	0.00	5.74	0.0000	296.11	0.00	0	0.0000	0.0000	1.5500	0.0000
N-G1-O UT	5yr-24hr-10%	0.00	5.74	0.0000	381.44	0.00	0	0.0000	0.0000	2.2167	0.0000
N-G1-O UT	5yr-24hr-90%	0.00	5.74	0.0000	294.42	0.00	0	0.0000	0.0000	23.0000	0.0000
N-G1-O UT	5yr-6hr-10%	0.00	5.74	0.0000	486.58	0.00	0	0.0000	0.0000	1.6500	0.0000
N-G1-O UT	5yr-6hr-90%	0.00	5.74	0.0000	421.78	0.00	0	0.0000	0.0000	6.2167	0.0000

Node: N-G2-G3

Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 7.38 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G2-G3	100-12hr-10%	0.00	28.33	0.0016	5685.64	464.16	647604	1.2500	0.6852	1.2500	1.2500
N-G2-G3	100-12hr-90%	0.00	29.94	0.0010	3467.91	484.36	645057	9.7500	4.7574	9.7328	9.7500
N-G2-G3	100-1hr-10%	0.00	30.22	0.0014	3806.36	487.72	647445	2.0000	0.6399	1.0346	2.0000
N-G2-G3	100-1hr-90%	0.00	29.02	0.0018	4410.97	472.99	647576	2.0000	1.1784	1.4990	2.0000
N-G2-G3	100-24hr-10%	0.00	26.67	0.0015	4972.44	442.44	647574	1.2500	0.7226	1.2500	1.2500
N-G2-G3	100-24hr-90%	0.00	30.16	0.0010	3163.37	487.02	645053	20.5000	16.9340	20.4522	20.5000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	r-90%										
N-G2-G3	100-6hr -10%	0.00	27.15	0.0017	5775.07	448.78	647633	1.1667	0.6735	1.1667	1.1667
N-G2-G3	100-6hr -90%	0.00	28.54	0.0010	3859.25	466.88	645001	5.0000	3.0615	4.9809	5.0000
N-G2-G3	10yr-12 hr-10%	0.00	27.90	0.0011	3875.94	458.64	647408	1.7500	0.9138	1.7481	1.7500
N-G2-G3	10yr-12 hr-90%	0.00	29.14	0.0010	2963.31	474.50	644958	11.2500	6.2138	11.1516	11.2500
N-G2-G3	10yr-1hr -10%	0.00	24.32	0.0010	2066.79	409.68	518794	1.9850	0.6889	1.4151	1.9894
N-G2-G3	10yr-1hr -90%	0.00	24.01	0.0014	2518.85	405.08	588728	2.0000	1.2910	1.7808	2.0000
N-G2-G3	10yr-24 hr-10%	0.00	28.51	0.0010	3834.40	466.43	647356	2.0000	0.6917	1.9949	2.0000
N-G2-G3	10yr-24 hr-90%	0.00	29.52	0.0010	3163.27	479.22	644967	22.5000	19.9323	22.4945	22.5000
N-G2-G3	10yr-6hr -10%	0.00	28.54	0.0012	4588.43	466.85	647453	1.6667	0.8616	1.6585	1.6667
N-G2-G3	10yr-6hr -90%	0.00	30.06	0.0010	3904.91	485.84	645217	6.0000	3.1088	5.9938	6.0000
N-G2-G3	25yr-12 hr-10%	0.00	28.21	0.0013	4980.85	462.61	647497	1.5000	0.8018	1.4576	1.5000
N-G2-G3	25yr-12 hr-90%	0.00	30.43	0.0010	3898.87	490.30	645164	10.7500	6.4205	10.7288	10.7500
N-G2-G3	25yr-1hr -10%	0.00	26.56	0.0012	3203.29	440.99	644120	2.0000	0.7192	1.1941	2.0000
N-G2-G3	25yr-1hr -90%	0.00	25.85	0.0016	3655.24	431.25	647401	2.0000	1.2369	1.6252	2.0000
N-G2-G3	25yr-24 hr-10%	0.00	26.23	0.0012	3861.18	436.48	647454	1.5000	0.8581	1.2687	1.5000
N-G2-G3	25yr-24 hr-90%	0.00	30.50	0.0010	3408.90	491.16	645119	21.7500	11.2686	21.7480	21.7500
N-G2-G3	25yr-6hr -10%	0.00	29.83	0.0014	6292.96	483.00	647536	1.5000	0.7707	1.4946	1.5000
N-G2-G3	25yr-6hr -90%	0.00	28.86	0.0010	3995.04	470.93	645044	5.5000	2.8384	5.4731	5.5000
N-G2-G3	2yr-12hr -10%	0.00	29.38	0.0010	2720.28	477.42	644719	4.1171	1.5940	2.0204	4.1268
N-G2-G3	2yr-12hr -90%	0.00	28.40	0.0010	2422.66	465.07	644623	13.1187	8.9936	11.6131	13.1250
N-G2-G3	2yr-1hr-10%	0.00	18.90	0.0010	782.15	321.55	365303	1.7646	0.6561	1.1457	1.7617
N-G2-G3	2yr-1hr-90%	0.00	19.20	0.0010	982.60	327.06	365367	2.0002	1.3365	1.4552	2.0002

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G2-G3	2yr-24hr -10%	0.00	29.62	0.0010	2178.81	480.35	644731	5.4330	1.4462	2.3973	5.4431
N-G2-G3	2yr-24hr -90%	0.00	30.71	0.0010	2569.79	493.71	644960	25.1081	15.6096	24.2972	25.1146
N-G2-G3	2yr-6hr-10%	0.00	27.26	0.0010	2731.74	450.32	644376	3.0800	0.8311	1.7731	3.0894
N-G2-G3	2yr-6hr-90%	0.00	26.70	0.0010	2682.99	442.78	644142	7.1450	4.5967	6.0416	7.1541
N-G2-G3	50-12hr -10%	0.00	26.02	0.0015	4719.95	433.58	647558	1.2500	0.7368	1.2271	1.2500
N-G2-G3	50-12hr -90%	0.00	30.26	0.0010	3208.22	488.25	645125	10.2500	5.7798	10.2483	10.2500
N-G2-G3	50-1hr-10%	0.00	28.34	0.0013	3541.93	464.33	647387	2.0000	0.6753	1.1081	2.0000
N-G2-G3	50-1hr-90%	0.00	27.40	0.0017	4080.68	452.11	647508	2.0000	1.2052	1.5555	2.0000
N-G2-G3	50-24hr -10%	0.00	29.09	0.0014	5485.99	473.80	647515	1.5000	0.7846	1.4983	1.5000
N-G2-G3	50-24hr -90%	0.00	29.59	0.0010	3065.02	479.99	644966	21.0000	15.4997	20.9499	21.0000
N-G2-G3	50-6hr-10%	0.00	25.26	0.0016	4711.07	423.12	647590	1.1667	0.7173	1.1636	1.1667
N-G2-G3	50-6hr-90%	0.00	27.93	0.0010	3559.05	459.06	644893	5.1667	2.7684	5.1535	5.1667
N-G2-G3	5yr-12hr -10%	0.00	29.52	0.0010	3616.96	479.22	647305	2.2500	1.1101	2.1811	2.2500
N-G2-G3	5yr-12hr -90%	0.00	30.49	0.0010	3326.64	491.04	645175	12.0000	9.9617	11.9988	12.0000
N-G2-G3	5yr-1hr-10%	0.00	21.85	0.0010	1205.99	372.12	365303	1.8462	0.5294	1.2512	1.8517
N-G2-G3	5yr-1hr-90%	0.00	22.09	0.0012	1522.43	375.90	365324	2.0000	1.3443	1.6149	2.0000
N-G2-G3	5yr-24hr -10%	0.00	28.85	0.0010	3045.04	470.84	644942	2.5000	0.8725	1.7376	2.5000
N-G2-G3	5yr-24hr -90%	0.00	27.96	0.0010	2246.77	459.39	644714	23.0000	15.7803	22.9999	23.0000
N-G2-G3	5yr-6hr-10%	0.00	31.69	0.0011	3655.36	505.34	647374	2.3334	0.9549	2.0409	2.3334
N-G2-G3	5yr-6hr-90%	0.00	30.81	0.0010	3579.57	494.95	645233	6.5000	3.8855	6.3507	6.5000

Node: N-G2C

Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 14.76 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G2C	100-12h r-10%	0.00	28.01	-0.1956	791.54	1742.26	4768	1.2500	1.0058	1.2500	1.1583
N-G2C	100-12h r-90%	0.00	29.96	-0.6617	255.18	2001.51	4762	9.7449	9.7329	9.7500	9.7328
N-G2C	100-1hr -10%	0.00	30.21	-0.3494	393.40	1576.18	4768	1.9994	1.4823	0.7666	1.0346
N-G2C	100-1hr -90%	0.00	29.04	-0.3451	609.33	1570.86	4768	2.0000	1.8462	1.2667	1.4990
N-G2C	100-24h r-10%	0.00	26.53	0.2085	706.44	1577.26	4768	1.2500	1.1973	1.2500	1.0595
N-G2C	100-24h r-90%	0.00	30.15	-0.6243	220.48	1844.90	4759	20.4999	20.4522	20.5000	20.4522
N-G2C	100-6hr -10%	0.00	26.99	0.1947	835.77	1728.84	4768	1.1667	1.1332	1.1667	1.1334
N-G2C	100-6hr -90%	0.00	28.54	-0.4433	398.81	1789.20	4748	4.9997	4.9809	5.0000	4.9809
N-G2C	10yr-12 hr-10%	0.00	27.89	0.3360	391.32	1574.93	4769	1.7500	1.6450	1.5166	1.3584
N-G2C	10yr-12 hr-90%	0.00	29.14	-0.4401	262.49	1497.72	4761	11.2500	11.1516	11.2500	11.1516
N-G2C	10yr-1hr -10%	0.00	24.33	-0.1046	224.36	1000.64	4760	1.9733	1.6559	0.8500	1.4151
N-G2C	10yr-1hr -90%	0.00	24.01	-0.1082	354.83	1185.08	4765	2.0000	1.9676	1.2667	1.7808
N-G2C	10yr-24 hr-10%	0.00	28.49	-0.4374	335.50	1639.17	4768	1.9988	1.9950	1.7167	1.9949
N-G2C	10yr-24 hr-90%	0.00	29.55	-0.6039	223.88	1811.70	4760	22.4945	22.4945	22.5000	22.4945
N-G2C	10yr-6hr -10%	0.00	28.53	-0.4976	433.72	1887.86	4768	1.6662	1.6586	1.2833	1.6585
N-G2C	10yr-6hr -90%	0.00	30.07	-0.5361	356.07	1831.91	4750	5.9979	5.9939	6.0000	5.9647

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G2C	25yr-12 hr-10%	0.00	28.11	0.4656	538.30	1855.69	4768	1.5000	1.4605	1.4500	1.4576
N-G2C	25yr-12 hr-90%	0.00	30.41	-0.7596	281.42	2274.16	4762	10.7492	10.7288	10.7500	10.7288
N-G2C	25yr-1hr -10%	0.00	26.56	-0.1697	289.09	1541.49	4754	1.9995	1.5737	0.8167	1.1941
N-G2C	25yr-1hr -90%	0.00	25.84	-0.1729	454.01	1556.72	4759	2.0000	1.9118	1.2667	1.6252
N-G2C	25yr-24 hr-10%	0.00	26.07	0.1352	469.07	1577.15	4769	1.5000	1.3897	1.5000	1.2687
N-G2C	25yr-24 hr-90%	0.00	30.53	-0.6792	231.33	1997.25	4765	21.7480	21.7480	21.7500	21.7480
N-G2C	25yr-6hr -10%	0.00	29.81	-0.7264	583.10	2743.22	4768	1.4995	1.4946	1.2500	1.4946
N-G2C	25yr-6hr -90%	0.00	28.93	-0.5271	380.87	1942.39	4749	5.4993	5.4731	5.5000	5.4731
N-G2C	2yr-12hr -10%	0.00	29.38	-0.3238	179.03	1556.65	4757	4.0652	3.1928	1.7000	2.0204
N-G2C	2yr-12hr -90%	0.00	28.40	-0.2904	185.27	1494.75	4760	13.1259	12.4644	12.1000	11.6131
N-G2C	2yr-1hr -10%	0.00	18.90	0.0009	126.07	126.06	3994	1.7649	1.3589	0.9166	0.9178
N-G2C	2yr-1hr -90%	0.00	19.20	0.0008	200.56	200.49	4123	2.0002	1.7232	1.2833	1.2845
N-G2C	2yr-24hr -10%	0.00	29.63	-0.3302	144.70	1213.10	4766	5.4722	4.2344	2.1333	2.3973
N-G2C	2yr-24hr -90%	0.00	30.71	-0.4480	193.77	1334.65	4764	25.1080	24.2973	24.0833	24.2972
N-G2C	2yr-6hr -10%	0.00	27.26	-0.2326	208.68	1437.18	4758	3.0736	2.4312	1.3833	1.7731
N-G2C	2yr-6hr -90%	0.00	26.70	-0.1938	190.57	1553.52	4756	7.1450	6.5643	6.0834	6.0416
N-G2C	50-12hr -10%	0.00	25.95	0.1878	655.35	1578.03	4768	1.2500	1.2102	1.2500	1.0835
N-G2C	50-12hr -90%	0.00	30.25	-0.5269	271.87	1632.11	4764	10.2483	10.2483	10.2500	10.2483
N-G2C	50-1hr -10%	0.00	28.34	-0.2570	340.28	1571.92	4768	1.9996	1.5029	0.7833	1.1081
N-G2C	50-1hr -90%	0.00	27.40	-0.2446	530.85	1574.92	4769	2.0000	1.8610	1.2667	1.5555
N-G2C	50-24hr -10%	0.00	29.05	0.5169	584.23	2031.52	4768	1.4983	1.4962	1.5000	1.4983
N-G2C	50-24hr -90%	0.00	29.64	-0.5961	217.13	1773.74	4766	20.9982	20.9499	21.0000	20.9499
N-G2C	50-6hr -10%	0.00	25.25	-0.1833	703.48	1577.63	4768	1.1631	1.0464	1.1667	1.0457

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	10%										
N-G2C	50-6hr-90%	0.00	27.90	-0.3680	376.81	1579.08	4753	5.1592	5.1536	5.1667	5.1535
N-G2C	5yr-12hr-10%	0.00	29.51	-0.5325	292.34	1716.16	4768	2.2498	2.1811	1.5833	2.1811
N-G2C	5yr-12hr-90%	0.00	30.47	-0.5480	274.27	1736.62	4764	11.9987	11.9958	12.0000	11.8381
N-G2C	5yr-1hr-10%	0.00	21.85	-0.0026	180.07	230.31	4157	1.8453	1.2512	0.8833	1.2512
N-G2C	5yr-1hr-90%	0.00	22.09	-0.0054	285.76	285.62	4157	2.0000	1.9985	1.2667	1.2806
N-G2C	5yr-24hr-10%	0.00	28.85	-0.4202	244.93	1559.84	4746	2.4993	2.4071	1.7500	1.7376
N-G2C	5yr-24hr-90%	0.00	27.95	-0.3015	204.27	1202.05	4764	22.9999	22.8115	23.0000	21.8583
N-G2C	5yr-6hr-10%	0.00	31.68	-0.6324	331.25	1791.90	4768	2.3326	2.1697	1.3167	2.1697
N-G2C	5yr-6hr-90%	0.00	30.81	-0.6074	284.77	1792.44	4752	6.5000	6.3507	6.0833	6.3507

Node: N-G3-OUT

Scenario: PC
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 7.38 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G3-O UT	100-12hr-10%	0.00	7.38	0.0000	464.16	0.00	0	0.0000	0.0000	1.2500	0.0000
N-G3-O	100-12hr	0.00	7.38	0.0000	484.36	0.00	0	0.0000	0.0000	9.7500	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
UT	r-90%										
N-G3-O UT	100-1hr-10%	0.00	7.38	0.0000	487.72	0.00	0	0.0000	0.0000	2.0000	0.0000
N-G3-O UT	100-1hr-90%	0.00	7.38	0.0000	472.99	0.00	0	0.0000	0.0000	2.0000	0.0000
N-G3-O UT	100-24hr-10%	0.00	7.38	0.0000	442.44	0.00	0	0.0000	0.0000	1.2500	0.0000
N-G3-O UT	100-24hr-90%	0.00	7.38	0.0000	487.02	0.00	0	0.0000	0.0000	20.5000	0.0000
N-G3-O UT	100-6hr-10%	0.00	7.38	0.0000	448.78	0.00	0	0.0000	0.0000	1.1667	0.0000
N-G3-O UT	100-6hr-90%	0.00	7.38	0.0000	466.88	0.00	0	0.0000	0.0000	5.0000	0.0000
N-G3-O UT	10yr-12hr-10%	0.00	7.38	0.0000	458.64	0.00	0	0.0000	0.0000	1.7500	0.0000
N-G3-O UT	10yr-12hr-90%	0.00	7.38	0.0000	474.50	0.00	0	0.0000	0.0000	11.2500	0.0000
N-G3-O UT	10yr-1hr-10%	0.00	7.38	0.0000	409.68	0.00	0	0.0000	0.0000	1.9894	0.0000
N-G3-O UT	10yr-1hr-90%	0.00	7.38	0.0000	405.08	0.00	0	0.0000	0.0000	2.0000	0.0000
N-G3-O UT	10yr-24hr-10%	0.00	7.38	0.0000	466.43	0.00	0	0.0000	0.0000	2.0000	0.0000
N-G3-O UT	10yr-24hr-90%	0.00	7.38	0.0000	479.22	0.00	0	0.0000	0.0000	22.5000	0.0000
N-G3-O UT	10yr-6hr-10%	0.00	7.38	0.0000	466.85	0.00	0	0.0000	0.0000	1.6667	0.0000
N-G3-O UT	10yr-6hr-90%	0.00	7.38	0.0000	485.84	0.00	0	0.0000	0.0000	6.0000	0.0000
N-G3-O UT	25yr-12hr-10%	0.00	7.38	0.0000	462.61	0.00	0	0.0000	0.0000	1.5000	0.0000
N-G3-O UT	25yr-12hr-90%	0.00	7.38	0.0000	490.30	0.00	0	0.0000	0.0000	10.7500	0.0000
N-G3-O UT	25yr-1hr-10%	0.00	7.38	0.0000	440.99	0.00	0	0.0000	0.0000	2.0000	0.0000
N-G3-O UT	25yr-1hr-90%	0.00	7.38	0.0000	431.25	0.00	0	0.0000	0.0000	2.0000	0.0000
N-G3-O UT	25yr-24hr-10%	0.00	7.38	0.0000	436.48	0.00	0	0.0000	0.0000	1.5000	0.0000
N-G3-O UT	25yr-24hr-90%	0.00	7.38	0.0000	491.16	0.00	0	0.0000	0.0000	21.7500	0.0000
N-G3-O UT	25yr-6hr-10%	0.00	7.38	0.0000	483.00	0.00	0	0.0000	0.0000	1.5000	0.0000
N-G3-O UT	25yr-6hr-90%	0.00	7.38	0.0000	470.93	0.00	0	0.0000	0.0000	5.5000	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-G3-O UT	2yr-12hr -10%	0.00	7.38	0.0000	477.42	0.00	0	0.0000	0.0000	4.1268	0.0000
N-G3-O UT	2yr-12hr -90%	0.00	7.38	0.0000	465.07	0.00	0	0.0000	0.0000	13.1250	0.0000
N-G3-O UT	2yr-1hr-10%	0.00	7.38	0.0000	321.55	0.00	0	0.0000	0.0000	1.7617	0.0000
N-G3-O UT	2yr-1hr-90%	0.00	7.38	0.0000	327.06	0.00	0	0.0000	0.0000	2.0002	0.0000
N-G3-O UT	2yr-24hr -10%	0.00	7.38	0.0000	480.35	0.00	0	0.0000	0.0000	5.4431	0.0000
N-G3-O UT	2yr-24hr -90%	0.00	7.38	0.0000	493.71	0.00	0	0.0000	0.0000	25.1146	0.0000
N-G3-O UT	2yr-6hr-10%	0.00	7.38	0.0000	450.32	0.00	0	0.0000	0.0000	3.0894	0.0000
N-G3-O UT	2yr-6hr-90%	0.00	7.38	0.0000	442.78	0.00	0	0.0000	0.0000	7.1541	0.0000
N-G3-O UT	50-12hr -10%	0.00	7.38	0.0000	433.58	0.00	0	0.0000	0.0000	1.2500	0.0000
N-G3-O UT	50-12hr -90%	0.00	7.38	0.0000	488.25	0.00	0	0.0000	0.0000	10.2500	0.0000
N-G3-O UT	50-1hr-10%	0.00	7.38	0.0000	464.33	0.00	0	0.0000	0.0000	2.0000	0.0000
N-G3-O UT	50-1hr-90%	0.00	7.38	0.0000	452.11	0.00	0	0.0000	0.0000	2.0000	0.0000
N-G3-O UT	50-24hr -10%	0.00	7.38	0.0000	473.80	0.00	0	0.0000	0.0000	1.5000	0.0000
N-G3-O UT	50-24hr -90%	0.00	7.38	0.0000	479.99	0.00	0	0.0000	0.0000	21.0000	0.0000
N-G3-O UT	50-6hr-10%	0.00	7.38	0.0000	423.12	0.00	0	0.0000	0.0000	1.1667	0.0000
N-G3-O UT	50-6hr-90%	0.00	7.38	0.0000	459.06	0.00	0	0.0000	0.0000	5.1667	0.0000
N-G3-O UT	5yr-12hr -10%	0.00	7.38	0.0000	479.22	0.00	0	0.0000	0.0000	2.2500	0.0000
N-G3-O UT	5yr-12hr -90%	0.00	7.38	0.0000	491.04	0.00	0	0.0000	0.0000	12.0000	0.0000
N-G3-O UT	5yr-1hr-10%	0.00	7.38	0.0000	372.12	0.00	0	0.0000	0.0000	1.8517	0.0000
N-G3-O UT	5yr-1hr-90%	0.00	7.38	0.0000	375.90	0.00	0	0.0000	0.0000	2.0000	0.0000
N-G3-O UT	5yr-24hr -10%	0.00	7.38	0.0000	470.84	0.00	0	0.0000	0.0000	2.5000	0.0000
N-G3-O UT	5yr-24hr -90%	0.00	7.38	0.0000	459.39	0.00	0	0.0000	0.0000	23.0000	0.0000
N-G3-O UT	5yr-6hr-	0.00	7.38	0.0000	505.34	0.00	0	0.0000	0.0000	2.3334	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
UT	10%										
N-G3-O UT	5yr-6hr-90%	0.00	7.38	0.0000	494.95	0.00	0	0.0000	0.0000	6.5000	0.0000

Node: N-OFF-G1

Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 74.64 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-G 1	100-12hr r-10%	0.00	82.53	0.0009	3539.28	3011.23	364783	1.2500	0.7271	1.2500	1.2500
N-OFF-G 1	100-12hr r-90%	0.00	78.63	0.0005	1146.90	1004.93	363256	9.7500	4.0957	9.7500	9.7500
N-OFF-G 1	100-1hr -10%	0.00	79.97	0.0007	1769.68	1694.66	363259	1.1041	0.6877	0.9833	1.0686
N-OFF-G 1	100-1hr -90%	0.00	80.91	0.0008	2339.37	2189.03	363577	1.5330	1.2290	1.4167	1.5122
N-OFF-G 1	100-24hr r-10%	0.00	81.81	0.0008	3112.30	2632.13	364231	1.2500	0.7563	1.2500	1.2500
N-OFF-G 1	100-24hr r-90%	0.00	78.38	0.0005	1007.92	907.42	363177	20.5000	5.5647	20.5000	20.5000
N-OFF-G 1	100-6hr -10%	0.00	82.53	0.0009	3670.22	3046.60	364621	1.1667	0.7140	1.1667	1.1667
N-OFF-G 1	100-6hr -90%	0.00	79.62	0.0006	1732.80	1455.19	363509	5.0000	2.1607	5.0000	5.0000
N-OFF-G 1	10yr-12hr-10%	0.00	80.24	0.0007	1863.08	1763.75	363698	1.7500	0.6066	1.7167	1.7500
N-OFF-G 1	10yr-12hr-90%	0.00	78.71	0.0004	1187.37	1048.77	363184	11.2500	5.0994	11.2500	11.2500

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-G 1	10yr-1hr -10%	0.00	78.38	0.0006	1003.68	995.05	237536	1.0709	0.4913	1.0167	1.0645
N-OFF-G 1	10yr-1hr -90%	0.00	79.12	0.0006	1329.46	1317.31	307561	1.4719	1.3403	1.4333	1.4758
N-OFF-G 1	10yr-24 hr-10%	0.00	79.80	0.0007	1603.01	1540.79	363585	2.0000	0.6547	1.9000	2.0000
N-OFF-G 1	10yr-24 hr-90%	0.00	78.40	0.0004	1022.30	919.00	363095	22.5000	10.7056	22.5000	22.5000
N-OFF-G 1	10yr-6hr -10%	0.00	80.57	0.0007	2022.34	1916.16	363931	1.6667	0.9078	1.4667	1.6400
N-OFF-G 1	10yr-6hr -90%	0.00	79.66	0.0006	1630.27	1448.47	363736	6.0000	2.8269	6.0000	6.0000
N-OFF-G 1	25yr-12 hr-10%	0.00	81.25	0.0007	2528.02	2285.72	364195	1.5000	0.8539	1.5000	1.5000
N-OFF-G 1	25yr-12 hr-90%	0.00	78.91	0.0005	1268.67	1116.87	363451	10.7500	4.6352	10.7500	10.7500
N-OFF-G 1	25yr-1hr -10%	0.00	79.06	0.0006	1299.51	1283.77	362515	1.0665	0.4612	1.0000	1.0422
N-OFF-G 1	25yr-1hr -90%	0.00	79.91	0.0008	1721.01	1690.93	362807	1.4841	1.2795	1.4333	1.4691
N-OFF-G 1	25yr-24 hr-10%	0.00	80.56	0.0007	2176.38	1952.31	363606	1.5000	0.9117	1.5000	1.5000
N-OFF-G 1	25yr-24 hr-90%	0.00	78.52	0.0005	1061.25	955.73	363284	21.7500	8.1982	21.7500	21.7500
N-OFF-G 1	25yr-6hr -10%	0.00	81.76	0.0008	2718.78	2527.20	364647	1.5000	0.8183	1.4333	1.5000
N-OFF-G 1	25yr-6hr -90%	0.00	79.62	0.0006	1687.22	1446.34	363549	5.5000	2.5335	5.5000	5.5000
N-OFF-G 1	2yr-12hr -10%	0.00	78.07	0.0006	853.28	847.09	362495	2.0760	0.8013	1.9167	1.9474
N-OFF-G 1	2yr-12hr -90%	0.00	78.04	0.0004	858.82	808.41	362562	12.3331	6.4387	12.1833	12.3172
N-OFF-G 1	2yr-1hr 10%	0.00	77.20	-0.0008	552.17	538.07	83627	1.1491	1.8463	1.0666	1.1533
N-OFF-G 1	2yr-1hr 90%	0.00	77.68	-0.0009	726.38	697.52	83846	1.5322	1.9677	1.4500	1.5567
N-OFF-G 1	2yr-24hr -10%	0.00	77.67	0.0006	698.78	695.28	362396	2.4085	0.8815	2.2333	2.2922
N-OFF-G 1	2yr-24hr -90%	0.00	78.19	0.0004	900.50	846.11	362940	24.3260	15.1016	24.1667	24.3092
N-OFF-G 1	2yr-6hr 10%	0.00	78.34	0.0007	969.90	962.22	362337	1.6715	0.7409	1.5833	1.6284
N-OFF-G 1	2yr-6hr 90%	0.00	78.11	0.0006	882.78	849.93	362326	6.2999	3.5891	6.1667	6.2772
N-OFF-G 1	50-12hr	0.00	81.49	0.0008	2900.81	2464.73	363997	1.2500	0.7797	1.2500	1.2500

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
1	-10%										
N-OFF-G 1	50-12hr -90%	0.00	78.80	0.0005	1222.47	1072.56	363378	10.2500	4.3494	10.2500	10.2500
N-OFF-G 1	50-1hr 10%	0.00	79.53	0.0006	1531.13	1493.12	362884	1.0841	0.4451	0.9833	1.0436
N-OFF-G 1	50-1hr 90%	0.00	80.42	0.0009	2026.09	1944.76	363191	1.5108	1.2446	1.4167	1.4901
N-OFF-G 1	50-24hr -10%	0.00	81.61	0.0008	2737.18	2460.94	364477	1.5000	0.8275	1.5000	1.5000
N-OFF-G 1	50-24hr -90%	0.00	78.33	0.0004	990.62	891.15	363072	21.0000	6.8697	21.0000	21.0000
N-OFF-G 1	50-6hr 10%	0.00	81.61	0.0008	3058.23	2544.11	363943	1.1667	0.7610	1.1667	1.1667
N-OFF-G 1	50-6hr 90%	0.00	79.46	0.0006	1644.04	1387.94	363350	5.1667	2.3096	5.1667	5.1667
N-OFF-G 1	5yr-12hr -10%	0.00	79.35	0.0007	1393.81	1346.67	363515	2.0998	0.6742	1.7833	1.9677
N-OFF-G 1	5yr-12hr -90%	0.00	78.92	0.0004	1252.61	1121.09	363465	12.0000	5.5844	12.0000	12.0000
N-OFF-G 1	5yr-1hr 10%	0.00	77.88	0.0006	800.20	795.46	84230	1.0781	0.5212	1.0334	1.0877
N-OFF-G 1	5yr-1hr 90%	0.00	78.53	0.0004	1058.33	1051.66	84485	1.4752	1.3863	1.4334	1.4928
N-OFF-G 1	5yr-24hr -10%	0.00	78.89	0.0006	1172.70	1142.59	363221	2.4048	0.7365	2.0167	2.2225
N-OFF-G 1	5yr-24hr -90%	0.00	78.15	0.0004	931.77	835.43	362765	23.0000	12.7083	23.0000	23.0000
N-OFF-G 1	5yr-6hr 10%	0.00	79.60	0.0007	1543.60	1481.26	363617	1.7250	0.6329	1.5167	1.6537
N-OFF-G 1	5yr-6hr 90%	0.00	79.18	0.0006	1326.09	1243.10	363553	6.3267	3.1228	6.1667	6.3014

Node: N-OFF-S1
 Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 116.37 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [C]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-S 1	100-12h r-10%	0.00	122.12	0.0009	2859.85	2858.74	69918	1.2291	0.2856	1.2000	1.2294
N-OFF-S 1	100-12h r-90%	0.00	119.27	0.0010	905.82	894.03	50657	9.7500	3.3183	9.7500	9.7500
N-OFF-S 1	100-1hr -10%	0.00	120.47	0.0005	1599.96	1595.21	58505	0.7042	0.3591	0.6833	0.7043
N-OFF-S 1	100-1hr -90%	0.00	121.70	0.0010	2521.43	2504.39	66022	1.2634	0.8167	1.2333	1.2634
N-OFF-S 1	100-24h r-10%	0.00	121.79	0.0010	2578.27	2575.74	67680	1.2500	0.3196	1.2500	1.2500
N-OFF-S 1	100-24h r-90%	0.00	119.00	0.0006	772.86	765.91	48899	20.5000	4.3551	20.5000	20.5000
N-OFF-S 1	100-6hr -10%	0.00	122.35	0.0008	3058.05	3056.14	71350	1.1236	0.2780	1.1000	1.1238
N-OFF-S 1	100-6hr -90%	0.00	120.20	0.0010	1447.04	1424.20	56946	5.0000	1.4611	5.0000	5.0000
N-OFF-S 1	10yr-12 hr-10%	0.00	120.22	0.0010	1437.29	1436.77	57274	1.3881	0.3883	1.3666	1.3884
N-OFF-S 1	10yr-12 hr-90%	0.00	119.32	0.0010	931.92	921.43	51043	11.2500	4.2830	11.2500	11.2500
N-OFF-S 1	10yr-1hr -10%	0.00	119.32	0.0010	922.93	920.70	50814	0.7618	0.2832	0.7333	0.7619
N-OFF-S 1	10yr-1hr -90%	0.00	120.32	0.0010	1509.37	1495.71	56955	1.2737	0.8963	1.2500	1.2737
N-OFF-S 1	10yr-24 hr-10%	0.00	119.86	0.0010	1215.07	1214.83	54829	1.6369	0.4052	1.6167	1.6380
N-OFF-S 1	10yr-24 hr-90%	0.00	119.04	0.0005	788.50	781.20	49117	22.5000	9.0323	22.5000	22.4999
N-OFF-S 1	10yr-6hr -10%	0.00	120.52	0.0010	1628.93	1627.52	59201	1.2088	0.4053	1.1833	1.2089
N-OFF-S 1	10yr-6hr -90%	0.00	119.93	0.0010	1262.57	1255.32	55207	6.0000	2.0197	6.0000	6.0000
N-OFF-S 1	25yr-12 hr-10%	0.00	120.99	0.0010	1953.46	1952.72	62391	1.3069	0.3539	1.2833	1.3072
N-OFF-S 1	25yr-12 hr-90%	0.00	119.44	0.0010	996.70	984.91	51866	10.7500	3.8616	10.7500	10.7500
N-OFF-S 1	25yr-1hr -10%	0.00	119.80	0.0010	1184.19	1180.75	54012	0.7323	0.2670	0.7000	0.7324
N-OFF-S 1	25yr-1hr -90%	0.00	120.90	0.0009	1906.47	1891.69	60854	1.2692	0.8607	1.2500	1.2693
N-OFF-S 1	25yr-24 hr-10%	0.00	120.63	0.0010	1702.52	1701.80	59993	1.3467	0.4016	1.3167	1.3469
N-OFF-S 1	25yr-24 hr-90%	0.00	119.08	0.0005	810.54	801.88	49432	21.7500	8.9410	21.7500	21.7499

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-S 1	25yr-6hr -10%	0.00	121.27	0.0010	2160.64	2159.08	64195	1.1709	0.3572	1.1500	1.1711
N-OFF-S 1	25yr-6hr -90%	0.00	120.09	0.0010	1371.37	1354.96	56243	5.5000	1.8920	5.5000	5.5000
N-OFF-S 1	2yr-12hr -10%	0.00	118.82	0.0010	680.19	679.86	47682	1.5691	0.5228	1.5334	1.5693
N-OFF-S 1	2yr-12hr -90%	0.00	118.78	0.0010	664.90	663.30	47382	12.1082	5.3705	12.0833	12.1084
N-OFF-S 1	2yr-1hr -10%	0.00	118.46	0.0010	528.35	527.47	46662	0.8653	0.3799	0.8333	0.8653
N-OFF-S 1	2yr-1hr -90%	0.00	119.21	0.0010	877.97	868.44	49512	1.2863	0.9605	1.2500	1.2863
N-OFF-S 1	2yr-24hr -10%	0.00	118.51	0.0010	549.47	549.01	46662	1.7685	0.5699	1.7334	1.7690
N-OFF-S 1	2yr-24hr -90%	0.00	118.83	0.0005	686.01	684.45	47712	24.0938	13.5672	24.0667	24.0941
N-OFF-S 1	2yr-6hr -10%	0.00	119.10	0.0010	813.28	812.42	49567	1.3107	0.5006	1.2834	1.3108
N-OFF-S 1	2yr-6hr -90%	0.00	118.86	0.0010	698.81	697.37	47913	6.0917	2.8561	6.0667	6.0919
N-OFF-S 1	50-12hr -10%	0.00	121.57	0.0010	2395.05	2393.84	66221	1.2500	0.3264	1.2333	1.2500
N-OFF-S 1	50-12hr -90%	0.00	119.38	0.0010	964.05	951.96	51430	10.2500	3.5644	10.2500	10.2500
N-OFF-S 1	50-1hr -10%	0.00	120.14	0.0007	1389.08	1384.87	56303	0.7171	0.2778	0.6833	0.7171
N-OFF-S 1	50-1hr -90%	0.00	121.31	0.0009	2210.95	2195.76	63536	1.2668	0.8384	1.2500	1.2669
N-OFF-S 1	50-24hr -10%	0.00	121.20	0.0010	2109.06	2108.05	63779	1.3021	0.3370	1.2833	1.3023
N-OFF-S 1	50-24hr -90%	0.00	118.98	0.0004	763.39	756.03	48748	21.0000	4.3776	21.0000	21.0000
N-OFF-S 1	50-6hr -10%	0.00	121.82	0.0010	2597.50	2595.84	67839	1.1461	0.3164	1.1167	1.1462
N-OFF-S 1	50-6hr -90%	0.00	120.08	0.0010	1368.00	1347.49	56120	5.1667	1.6960	5.1667	5.1667
N-OFF-S 1	5yr-12hr -10%	0.00	119.63	0.0010	1087.24	1086.74	53251	1.4534	0.4268	1.4333	1.4537
N-OFF-S 1	5yr-12hr -90%	0.00	119.39	0.0010	967.43	958.49	51555	12.0000	4.7053	12.0000	12.0000
N-OFF-S 1	5yr-1hr -10%	0.00	118.95	0.0010	744.06	742.64	48373	0.7968	0.3225	0.7667	0.7969
N-OFF-S 1	5yr-1hr -90%	0.00	119.86	0.0010	1229.33	1217.06	53864	1.2784	0.9172	1.2500	1.2784
N-OFF-S 1	5yr-24hr	0.00	119.28	0.0010	904.26	903.79	50921	1.6944	0.4943	1.6667	1.6947

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
1	-10%										
N-OFF-S 1	5yr-24hr -90%	0.00	118.90	0.0005	723.37	716.34	48160	23.0000	11.0336	23.0000	23.0000
N-OFF-S 1	5yr-6hr-10%	0.00	119.93	0.0010	1260.29	1259.05	55235	1.2438	0.4220	1.2167	1.2439
N-OFF-S 1	5yr-6hr-90%	0.00	119.50	0.0010	1017.64	1016.13	52343	6.0833	2.3152	6.0667	6.0836

Node: N-OFF-S4
 Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 74.48 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-S 4	100-12hr-10%	0.00	75.78	0.0003	198.42	198.10	38219	1.0411	0.2856	1.0167	1.0413
N-OFF-S 4	100-12hr-90%	0.00	75.12	0.0001	68.80	67.66	38219	9.7500	4.0957	9.7500	9.7500
N-OFF-S 4	100-1hr-10%	0.00	75.32	0.0002	102.82	101.55	38219	0.4993	0.2003	0.4666	0.4993
N-OFF-S 4	100-1hr-90%	0.00	75.76	0.0003	203.00	195.50	38219	1.0719	0.8167	1.0333	1.0719
N-OFF-S 4	100-24hr-10%	0.00	75.69	0.0003	178.63	178.08	38219	1.0729	0.3093	1.0333	1.0729
N-OFF-S 4	100-24hr-90%	0.00	75.04	0.0001	56.36	56.06	38219	20.5000	12.2860	20.5000	20.4999
N-OFF-S 4	100-6hr-10%	0.00	75.84	0.0003	213.67	213.22	38219	0.9115	0.2780	0.8667	0.9117
N-OFF-S 4	100-6hr-90%	0.00	75.36	0.0001	112.77	110.64	38219	5.0000	2.0746	5.0000	5.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-OFF-S 4	10yr-12hr-10%	0.00	75.27	0.0003	92.78	92.64	38219	1.2806	0.3752	1.2667	1.2809
N-OFF-S 4	10yr-12hr-90%	0.00	75.12	0.0001	69.48	68.47	38219	11.2500	5.0984	11.2500	11.2498
N-OFF-S 4	10yr-1hr-10%	0.00	75.02	0.0003	51.60	51.66	38219	0.4773	0.2832	0.5166	0.4766
N-OFF-S 4	10yr-1hr-90%	0.00	75.33	0.0003	109.75	104.71	38219	1.1038	0.8963	1.0333	1.1038
N-OFF-S 4	10yr-24hr-10%	0.00	75.19	0.0003	78.98	78.68	38219	1.5458	0.4052	1.5167	1.5466
N-OFF-S 4	10yr-24hr-90%	0.00	75.05	0.0001	57.16	56.83	38219	22.5000	12.2790	22.5000	22.4996
N-OFF-S 4	10yr-6hr-10%	0.00	75.34	0.0003	106.08	105.73	38219	1.0410	0.4052	1.0166	1.0413
N-OFF-S 4	10yr-6hr-90%	0.00	75.25	0.0001	89.64	89.19	38219	6.0000	2.8235	6.0000	5.9998
N-OFF-S 4	25yr-12hr-10%	0.00	75.46	0.0003	130.01	129.94	38219	1.1708	0.3321	1.1500	1.1711
N-OFF-S 4	25yr-12hr-90%	0.00	75.16	0.0001	75.37	74.24	38219	10.7500	4.6301	10.7500	10.7499
N-OFF-S 4	25yr-1hr-10%	0.00	75.13	0.0003	70.78	69.82	38219	0.5313	0.2662	0.4834	0.5313
N-OFF-S 4	25yr-1hr-90%	0.00	75.51	0.0003	145.72	139.48	38219	1.0840	0.8607	1.0333	1.0840
N-OFF-S 4	25yr-24hr-10%	0.00	75.37	0.0003	112.69	112.18	38219	1.5000	0.3640	1.5000	1.4990
N-OFF-S 4	25yr-24hr-90%	0.00	75.07	0.0001	61.86	60.59	38219	21.7500	18.7097	21.7500	21.7500
N-OFF-S 4	25yr-6hr-10%	0.00	75.54	0.0003	145.43	145.24	38219	1.0194	0.3352	1.0000	1.0197
N-OFF-S 4	25yr-6hr-90%	0.00	75.32	0.0001	102.98	101.56	38219	5.5000	2.4742	5.5000	5.5000
N-OFF-S 4	2yr-12hr-10%	0.00	74.93	0.0002	39.72	39.64	38219	1.5325	0.5453	1.5166	1.5332
N-OFF-S 4	2yr-12hr-90%	0.00	74.97	0.0001	46.24	45.76	38219	12.0210	6.5506	12.0000	12.0214
N-OFF-S 4	2yr-1hr-10%	0.00	74.87	0.0002	27.21	29.23	38219	0.7287	0.3208	0.7667	0.8209
N-OFF-S 4	2yr-1hr-90%	0.00	75.02	0.0003	55.46	52.71	38219	1.1316	0.9605	1.0333	1.1317
N-OFF-S 4	2yr-24hr-10%	0.00	74.87	0.0002	31.87	31.72	38219	2.0448	0.5927	2.0167	2.0466
N-OFF-S 4	2yr-24hr-90%	0.00	74.99	0.0001	48.25	47.97	38219	24.0146	16.1166	24.0000	24.0150
N-OFF-S 4	2yr-6hr-90%	0.00	74.99	0.0002	47.57	47.44	38219	1.1946	0.5006	1.1667	1.1951

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
4	10%										
N-OFF-S 4	2yr-6hr-90%	0.00	74.97	0.0001	45.99	45.62	38219	6.0183	3.5891	6.0000	6.0188
N-OFF-S 4	50-12hr-10%	0.00	75.62	0.0003	163.10	162.78	38219	1.0619	0.3158	1.0333	1.0623
N-OFF-S 4	50-12hr-90%	0.00	75.15	0.0001	73.22	72.06	38219	10.2500	4.3494	10.2500	10.2500
N-OFF-S 4	50-1hr-10%	0.00	75.22	0.0002	86.40	85.23	38219	0.5126	0.2297	0.4667	0.5126
N-OFF-S 4	50-1hr-90%	0.00	75.64	0.0003	173.95	167.03	38219	1.0770	0.8384	1.0334	1.0770
N-OFF-S 4	50-24hr-10%	0.00	75.52	0.0003	142.57	142.47	38219	1.1254	0.3323	1.1000	1.1256
N-OFF-S 4	50-24hr-90%	0.00	75.04	0.0001	55.63	55.31	38219	21.0000	13.7118	21.0000	20.9998
N-OFF-S 4	50-6hr-10%	0.00	75.69	0.0003	178.07	177.99	38219	0.9852	0.3058	0.9500	0.9856
N-OFF-S 4	50-6hr-90%	0.00	75.33	0.0001	105.11	103.21	38219	5.1667	2.3056	5.1667	5.1667
N-OFF-S 4	5yr-12hr-10%	0.00	75.12	0.0002	67.76	67.56	38219	1.3078	0.4268	1.2667	1.3084
N-OFF-S 4	5yr-12hr-90%	0.00	75.14	0.0001	71.37	70.54	38219	12.0000	5.5844	12.0000	11.9997
N-OFF-S 4	5yr-1hr-10%	0.00	74.97	0.0002	39.92	45.22	38219	0.6119	0.3002	0.7333	0.6274
N-OFF-S 4	5yr-1hr-90%	0.00	75.20	0.0003	85.12	81.09	38219	1.1166	0.9172	1.0333	1.1166
N-OFF-S 4	5yr-24hr-10%	0.00	75.05	0.0002	56.55	56.28	38219	1.5628	0.4943	1.5333	1.5633
N-OFF-S 4	5yr-24hr-90%	0.00	75.01	0.0001	51.96	51.63	38219	23.0000	13.7405	23.0000	22.9996
N-OFF-S 4	5yr-6hr-10%	0.00	75.19	0.0003	79.04	78.68	38219	1.0677	0.3944	1.0333	1.0679
N-OFF-S 4	5yr-6hr-90%	0.00	75.13	0.0001	70.21	69.84	38219	6.0146	3.0637	6.0000	6.0155

Node: N-S1

Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 80.45 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S1	100-12h r-10%	0.00	89.58	0.0007	3204.56	3180.90	215840	1.2500	0.2856	1.2103	1.2498
N-S1	100-12h r-90%	0.00	85.54	0.0010	1012.36	958.66	157929	9.7500	3.8511	9.7500	9.7500
N-S1	100-1hr-10%	0.00	87.20	0.0008	1784.40	1694.17	183297	0.8394	0.4382	0.6922	0.8432
N-S1	100-1hr-90%	0.00	88.63	0.0009	2778.85	2526.01	203086	1.3346	0.8167	1.2432	1.3331
N-S1	100-24h r-10%	0.00	89.11	0.0009	2887.49	2843.36	209422	1.2500	0.3356	1.2500	1.2500
N-S1	100-24h r-90%	0.00	85.17	0.0010	863.68	828.00	150757	20.5000	4.3683	20.5000	20.5000
N-S1	100-6hr-10%	0.00	89.86	0.0007	3425.10	3392.15	219684	1.1667	0.7140	1.1034	1.1666
N-S1	100-6hr-90%	0.00	86.84	0.0010	1618.11	1513.21	178475	5.0000	1.8754	5.0000	5.0000
N-S1	10yr-12 hr-10%	0.00	87.01	0.0010	1610.07	1598.34	180682	1.4820	0.4803	1.3667	1.4770
N-S1	10yr-12 hr-90%	0.00	85.63	0.0010	1041.94	993.16	159707	11.2500	4.8005	11.2500	11.2500
N-S1	10yr-1hr-10%	0.00	85.59	0.0010	1032.29	978.73	158896	0.9225	0.3365	0.7511	0.9271
N-S1	10yr-1hr-90%	0.00	86.70	0.0010	1656.78	1449.04	176655	1.3629	0.8963	1.2536	1.3649
N-S1	10yr-24 hr-10%	0.00	86.50	0.0010	1361.21	1357.30	173758	1.6858	0.4992	1.6005	1.6955
N-S1	10yr-24 hr-90%	0.00	85.22	0.0010	881.11	843.95	151666	22.5000	10.3257	22.5000	22.4999
N-S1	10yr-6hr-10%	0.00	87.40	0.0010	1823.88	1797.13	185969	1.3001	0.5216	1.1878	1.3068
N-S1	10yr-6hr-90%	0.00	86.54	0.0010	1413.31	1373.16	174302	6.0000	2.2367	6.0000	6.0000
N-S1	25yr-12 hr-10%	0.00	88.07	0.0010	2189.23	2174.86	195135	1.3985	0.4156	1.2833	1.3945
N-S1	25yr-12 hr-90%	0.00	85.80	0.0010	1114.38	1060.04	163080	10.7500	4.0760	10.7500	10.7500
N-S1	25yr-1hr	0.00	86.27	0.0010	1322.38	1253.64	170596	0.8862	0.4032	0.7212	0.8902

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	-10%										
N-S1	25yr-1hr-90%	0.00	87.53	0.0009	2097.06	1867.89	187950	1.3499	0.8607	1.2501	1.3518
N-S1	25yr-24hr-10%	0.00	87.58	0.0010	1907.24	1895.33	188435	1.4880	0.4617	1.3273	1.4780
N-S1	25yr-24hr-90%	0.00	85.29	0.0010	906.93	871.05	153171	21.7500	6.6870	21.7500	21.7499
N-S1	25yr-6hr-10%	0.00	88.42	0.0010	2419.59	2391.12	199994	1.2498	0.3864	1.1514	1.2560
N-S1	25yr-6hr-90%	0.00	86.71	0.0010	1533.99	1455.25	176778	5.5000	2.0844	5.5000	5.5000
N-S1	2yr-12hr-10%	0.00	84.95	0.0010	762.02	753.98	146337	1.7008	0.5581	1.5405	1.7132
N-S1	2yr-12hr-90%	0.00	84.86	0.0010	740.97	724.84	144587	12.1600	6.0158	12.0799	12.1565
N-S1	2yr-1hr-10%	0.00	84.29	0.0010	591.75	557.01	133428	0.9957	0.3899	0.8383	0.9997
N-S1	2yr-1hr-90%	0.00	85.11	-0.0010	959.81	806.08	149567	1.3913	1.7657	1.2664	1.3933
N-S1	2yr-24hr-10%	0.00	84.47	0.0010	614.92	608.17	136983	1.9018	0.8522	1.7481	1.8959
N-S1	2yr-24hr-90%	0.00	84.93	0.0010	764.99	748.85	146053	24.1475	13.7783	24.0634	24.1518
N-S1	2yr-6hr-10%	0.00	85.35	0.0010	910.16	890.13	154165	1.4277	0.5164	1.2893	1.4355
N-S1	2yr-6hr-90%	0.00	84.98	0.0010	779.82	763.87	146957	6.1455	3.0106	6.0576	6.1499
N-S1	50-12hr-10%	0.00	88.82	0.0010	2684.01	2650.45	205518	1.2500	0.3564	1.2449	1.2500
N-S1	50-12hr-90%	0.00	85.70	0.0010	1077.67	1022.27	161198	10.2500	3.7754	10.2500	10.2500
N-S1	50-1hr-10%	0.00	86.75	0.0009	1549.94	1470.12	177105	0.8613	0.4445	0.7046	0.8654
N-S1	50-1hr-90%	0.00	88.10	0.0009	2435.30	2193.43	195763	1.3417	0.8384	1.2467	1.3437
N-S1	50-24hr-10%	0.00	88.35	0.0010	2362.29	2345.43	198979	1.4013	0.4174	1.2839	1.3961
N-S1	50-24hr-90%	0.00	85.13	0.0010	852.88	815.67	150054	21.0000	6.4656	21.0000	21.0000
N-S1	50-6hr-10%	0.00	89.14	0.0009	2909.11	2868.85	209917	1.1667	0.3247	1.1255	1.1666
N-S1	50-6hr-90%	0.00	86.67	0.0010	1529.62	1433.90	176186	5.1667	1.8913	5.1667	5.1667
N-S1	5yr-12hr-10%	0.00	86.16	0.0010	1217.81	1206.95	169086	1.5587	0.5405	1.4339	1.5674

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S1	5yr-12hr-90%	0.00	85.75	0.0010	1082.12	1039.83	162054	12.0000	5.3440	12.0000	12.0000
N-S1	5yr-1hr-10%	0.00	85.06	0.0010	833.34	789.38	148474	0.9518	0.3793	0.7834	0.9558
N-S1	5yr-1hr-90%	0.00	86.05	0.0010	1347.07	1159.79	167729	1.3739	0.9271	1.2578	1.3766
N-S1	5yr-24hr-10%	0.00	85.66	0.0010	1012.29	1005.83	160264	1.7653	0.5432	1.6698	1.7759
N-S1	5yr-24hr-90%	0.00	85.00	0.0010	808.13	772.40	147518	23.0000	11.0869	23.0000	23.0000
N-S1	5yr-6hr-10%	0.00	86.57	0.0010	1410.77	1386.31	174639	1.3481	0.4572	1.2218	1.3433
N-S1	5yr-6hr-90%	0.00	85.95	0.0010	1137.16	1118.96	165867	6.1289	2.8532	6.0501	6.1279

Node: N-S2-DS

Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 66.44 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S2-DS	100-12hr-10%	0.00	72.80	-0.1167	430.35	5750.75	3308	1.2500	0.8201	0.7902	0.7901
N-S2-DS	100-12hr-90%	0.00	70.08	0.0058	129.16	128.48	2653	9.7500	0.0000	9.7500	9.7500
N-S2-DS	100-1hr-10%	0.00	70.54	0.0058	176.59	170.78	2714	0.9653	0.0000	0.6681	0.8505
N-S2-DS	100-1hr-90%	0.00	71.23	-0.2541	531.92	14442.58	2889	1.3655	1.2357	1.2357	1.2357
N-S2-DS	100-24hr	0.00	72.39	-0.1566	442.96	9109.95	3200	1.2500	0.8372	0.8373	0.8372

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	r-10%										
N-S2-DS	100-24h r-90%	0.00	69.87	0.0058	112.73	111.99	2610	20.5000	0.0000	0.0000	20.5000
N-S2-DS	100-6hr -10%	0.00	72.95	-0.1191	446.77	7086.02	3346	1.1667	0.7318	0.7355	0.7318
N-S2-DS	100-6hr -90%	0.00	70.92	-0.0878	366.04	5143.11	2811	5.0000	4.9474	4.9474	4.9474
N-S2-DS	10yr-12 hr-10%	0.00	70.90	-0.0867	350.43	5054.40	2806	1.7484	1.5586	1.5587	1.5586
N-S2-DS	10yr-12 hr-90%	0.00	70.12	0.0058	131.96	131.33	2663	11.2500	0.0000	11.2499	11.2500
N-S2-DS	10yr-1hr -10%	0.00	69.39	0.0058	112.73	89.13	2500	1.0444	0.0000	0.0000	0.9337
N-S2-DS	10yr-1hr -90%	0.00	69.72	0.0058	144.13	142.05	2589	1.4198	0.0000	1.2835	1.2843
N-S2-DS	10yr-24 hr-10%	0.00	70.55	0.0058	159.19	159.92	2716	1.9986	0.0000	1.7669	1.8423
N-S2-DS	10yr-24 hr-90%	0.00	69.88	0.0058	113.18	112.73	2612	22.5000	0.0000	22.4999	22.4999
N-S2-DS	10yr-6hr -10%	0.00	71.07	-0.1866	392.95	5124.24	2851	1.4607	1.3109	1.3110	1.3808
N-S2-DS	10yr-6hr -90%	0.00	70.70	0.0058	178.14	301.86	2756	6.0000	0.0000	5.9998	5.9947
N-S2-DS	25yr-12 hr-10%	0.00	71.70	-0.0947	373.84	4652.82	3017	1.5000	1.0733	1.0259	1.0725
N-S2-DS	25yr-12 hr-90%	0.00	70.26	0.0058	142.84	142.16	2678	10.7500	0.0000	10.7499	10.7500
N-S2-DS	25yr-1hr -10%	0.00	69.87	0.0058	120.96	120.02	2618	1.0097	0.0000	0.8838	0.9006
N-S2-DS	25yr-1hr -90%	0.00	70.30	0.0065	346.39	242.36	2681	1.4034	1.2462	1.2462	1.2468
N-S2-DS	25yr-24 hr-10%	0.00	71.32	-0.1694	449.46	9623.96	2915	1.5000	1.1783	1.1784	1.1783
N-S2-DS	25yr-24 hr-90%	0.00	69.95	0.0058	117.63	117.13	2628	21.7500	0.0000	21.7499	21.7500
N-S2-DS	25yr-6hr -10%	0.00	71.86	-0.0787	383.35	4719.01	3059	1.3835	0.9742	0.9337	0.9742
N-S2-DS	25yr-6hr -90%	0.00	70.81	-0.0618	330.83	3696.17	2786	5.4997	5.4900	5.4900	5.4900
N-S2-DS	2yr-12hr -10%	0.00	69.35	0.0058	112.73	77.13	2492	2.0875	0.0000	0.0000	1.8518
N-S2-DS	2yr-12hr -90%	0.00	69.51	0.0058	112.73	89.05	2530	12.1409	0.0000	0.0000	12.1171
N-S2-DS	2yr-1hr-10%	0.00	68.73	0.0058	112.73	44.04	2339	0.0165	0.0000	0.0000	0.9720

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S2-DS	2yr-1hr-90%	0.00	68.73	0.0058	112.73	67.62	2339	0.0165	0.0000	0.0000	1.3011
N-S2-DS	2yr-24hr -10%	0.00	69.10	0.0058	112.73	62.94	2429	2.5466	0.0000	0.0000	2.2338
N-S2-DS	2yr-24hr -90%	0.00	69.63	0.0058	112.73	95.76	2558	24.1277	0.0000	0.0000	24.1004
N-S2-DS	2yr-6hr-10%	0.00	69.47	0.0058	112.73	87.75	2520	1.6741	0.0000	0.0000	1.4677
N-S2-DS	2yr-6hr-90%	0.00	69.47	0.0058	112.73	87.58	2520	6.1504	0.0000	0.0000	6.1014
N-S2-DS	50-12hr -10%	0.00	72.15	-0.1109	439.90	6515.11	3136	1.2500	0.8799	0.8800	0.8799
N-S2-DS	50-12hr -90%	0.00	70.19	0.0058	137.96	137.26	2676	10.2500	0.0000	10.2499	10.2499
N-S2-DS	50-1hr-10%	0.00	70.22	0.0058	145.87	144.79	2691	0.9861	0.0000	0.8668	0.8837
N-S2-DS	50-1hr-90%	0.00	70.71	0.0073	368.21	394.67	2761	1.3929	1.1749	1.1749	1.3649
N-S2-DS	50-24hr -10%	0.00	71.94	-0.0868	386.55	5153.22	3081	1.5000	1.0321	1.0088	1.0321
N-S2-DS	50-24hr -90%	0.00	69.83	0.0058	112.73	109.81	2602	21.0000	0.0000	0.0000	20.9999
N-S2-DS	50-6hr-10%	0.00	72.33	-0.1255	449.87	7472.32	3183	1.1667	0.8725	0.8726	0.8725
N-S2-DS	50-6hr-90%	0.00	70.74	-0.1134	362.25	6628.48	2767	5.1651	5.1647	5.1647	5.1646
N-S2-DS	5yr-12hr -10%	0.00	70.23	0.0058	134.91	134.62	2680	1.8692	0.0000	1.6836	1.7004
N-S2-DS	5yr-12hr -90%	0.00	70.22	0.0058	138.47	137.92	2678	12.0000	0.0000	12.0000	12.0000
N-S2-DS	5yr-1hr-10%	0.00	69.01	0.0058	112.73	68.44	2407	1.0752	0.0000	0.0000	0.9510
N-S2-DS	5yr-1hr-90%	0.00	69.26	0.0058	112.73	107.81	2474	1.4331	0.0000	0.0000	1.2865
N-S2-DS	5yr-24hr -10%	0.00	69.94	0.0058	112.73	111.89	2628	2.1704	0.0000	0.0000	2.1704
N-S2-DS	5yr-24hr -90%	0.00	69.71	0.0058	112.73	101.64	2574	23.0000	0.0000	0.0000	23.0000
N-S2-DS	5yr-6hr-10%	0.00	70.37	0.0058	150.53	149.89	2684	1.5437	0.0000	1.3773	1.3838
N-S2-DS	5yr-6hr-90%	0.00	70.25	0.0058	138.95	138.68	2679	6.1186	0.0000	6.0836	6.1004

Node: N-S2-UP	
Scenario:	PC
Type:	Stage/Area
Base Flow:	0.00 cfs
Initial Stage:	66.99 ft
Warning Stage:	0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S2-UP	100-12hr-10%	0.00	76.88	-0.0150	399.23	399.14	113	1.2500	0.6567	1.2500	1.2500
N-S2-UP	100-12hr-90%	0.00	70.39	0.0103	129.19	129.16	113	9.7500	0.0110	9.7500	9.7500
N-S2-UP	100-1hr-10%	0.00	71.26	-0.0146	172.07	176.59	113	0.9243	0.6682	0.8333	0.6681
N-S2-UP	100-1hr-90%	0.00	73.85	-0.1271	279.33	350.75	113	1.1313	1.1313	1.2667	1.1313
N-S2-UP	100-24hr-10%	0.00	75.57	-0.0141	352.49	352.39	113	1.2500	0.8372	1.2500	1.2500
N-S2-UP	100-24hr-90%	0.00	70.19	0.0103	112.44	112.42	113	20.5000	0.0110	20.5000	20.5000
N-S2-UP	100-6hr-10%	0.00	77.48	-0.0267	420.90	420.82	113	1.1667	0.6337	1.1667	1.1666
N-S2-UP	100-6hr-90%	0.00	71.93	-0.0135	200.71	208.31	113	5.0000	4.9474	5.0000	4.9798
N-S2-UP	10yr-12hr-10%	0.00	71.77	-0.0132	186.35	201.66	113	1.6967	1.5587	1.6000	1.5587
N-S2-UP	10yr-12hr-90%	0.00	70.42	0.0103	131.98	131.96	113	11.2500	0.0110	11.2500	11.2499
N-S2-UP	10yr-1hr-10%	0.00	69.87	0.0103	89.93	89.93	113	0.9169	0.0110	0.9167	0.9169
N-S2-UP	10yr-1hr-90%	0.00	70.54	0.0103	144.13	144.13	113	1.2834	0.0110	1.2833	1.2835
N-S2-UP	10yr-24hr-10%	0.00	71.18	0.0103	159.19	159.19	113	1.8878	0.0110	1.7667	1.7669
N-S2-UP	10yr-24hr-90%	0.00	70.20	0.0103	113.20	113.18	113	22.5000	0.0110	22.5000	22.4999
N-S2-UP	10yr-6hr-10%	0.00	72.12	-0.0209	204.24	233.79	113	1.4076	1.3109	1.3333	1.3109
N-S2-UP	10yr-6hr-90%	0.00	71.51	0.0103	178.11	178.14	113	6.0000	0.0110	6.0000	5.9998

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S2-UP	25yr-12hr-10%	0.00	73.49	0.0103	264.51	264.49	113	1.5000	0.0110	1.5000	1.4999
N-S2-UP	25yr-12hr-90%	0.00	70.53	0.0103	142.87	142.84	113	10.7500	0.0110	10.7500	10.7499
N-S2-UP	25yr-1hr-10%	0.00	70.30	0.0103	120.97	120.96	113	0.8837	0.0110	0.8833	0.8838
N-S2-UP	25yr-1hr-90%	0.00	73.77	-0.1357	195.55	346.39	113	1.2462	1.2462	1.2833	1.2462
N-S2-UP	25yr-24hr-10%	0.00	72.64	-0.0267	227.38	234.23	113	1.5000	1.1784	1.5000	1.1784
N-S2-UP	25yr-24hr-90%	0.00	70.26	0.0103	117.65	117.63	113	21.7500	0.0110	21.7500	21.7499
N-S2-UP	25yr-6hr-10%	0.00	73.90	0.0103	284.01	283.98	113	1.3293	0.0110	1.2833	1.2837
N-S2-UP	25yr-6hr-90%	0.00	71.74	0.0103	191.00	199.62	113	5.4997	0.0110	5.5000	5.4900
N-S2-UP	2yr-12hr-10%	0.00	69.65	0.0103	77.43	77.43	113	1.8334	0.0110	1.8333	1.8336
N-S2-UP	2yr-12hr-90%	0.00	69.85	0.0103	89.26	89.26	113	12.1003	0.0110	12.1000	12.1004
N-S2-UP	2yr-1hr-10%	0.00	68.99	0.0103	44.48	44.47	113	0.9671	0.0110	0.9667	0.9673
N-S2-UP	2yr-1hr-90%	0.00	69.49	0.0103	68.62	68.62	113	1.3001	0.0110	1.3000	1.3001
N-S2-UP	2yr-24hr-10%	0.00	69.39	0.0103	63.11	63.11	113	2.2170	0.0110	2.2167	2.2171
N-S2-UP	2yr-24hr-90%	0.00	69.96	0.0103	95.99	95.99	113	24.0835	0.0110	24.0833	24.0838
N-S2-UP	2yr-6hr-10%	0.00	69.84	0.0103	88.36	88.36	113	1.4504	0.0110	1.4500	1.4507
N-S2-UP	2yr-6hr-90%	0.00	69.83	0.0103	87.88	87.88	113	6.1001	0.0110	6.1000	6.1003
N-S2-UP	50-12hr-10%	0.00	74.84	-0.0126	324.12	324.03	113	1.2500	0.8800	1.2500	1.2500
N-S2-UP	50-12hr-90%	0.00	70.48	0.0103	137.98	137.96	113	10.2500	0.0110	10.2500	10.2499
N-S2-UP	50-1hr-10%	0.00	70.55	0.0103	145.87	145.87	113	0.8667	0.0110	0.8666	0.8668
N-S2-UP	50-1hr-90%	0.00	74.23	-0.1448	236.59	368.21	113	1.1749	1.1749	1.2667	1.1749
N-S2-UP	50-24hr-10%	0.00	74.09	0.0103	290.04	290.01	113	1.5000	0.0110	1.5000	1.4999
N-S2-UP	50-24hr-90%	0.00	70.16	0.0103	110.28	110.26	113	21.0000	0.0110	21.0000	20.9999

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S2-UP	50-6hr-10%	0.00	75.42	-0.0126	347.82	347.72	113	1.1667	0.8726	1.1667	1.1667
N-S2-UP	50-6hr-90%	0.00	71.64	-0.0134	188.43	203.23	113	5.1667	5.1647	5.1667	5.1647
N-S2-UP	5yr-12hr-10%	0.00	70.45	0.0103	134.91	134.91	113	1.6835	0.0110	1.6833	1.6836
N-S2-UP	5yr-12hr-90%	0.00	70.49	0.0103	138.49	138.47	113	12.0000	0.0110	12.0000	12.0000
N-S2-UP	5yr-1hr-10%	0.00	69.50	0.0103	69.10	69.10	113	0.9339	0.0110	0.9334	0.9341
N-S2-UP	5yr-1hr-90%	0.00	70.15	0.0103	109.48	109.47	113	1.2837	0.0110	1.2833	1.2838
N-S2-UP	5yr-24hr-10%	0.00	70.19	0.0103	111.83	111.83	113	1.8667	0.0110	1.8667	1.8668
N-S2-UP	5yr-24hr-90%	0.00	70.05	0.0103	102.11	102.09	113	23.0000	0.0110	23.0000	22.9999
N-S2-UP	5yr-6hr-10%	0.00	70.81	0.0103	150.60	150.53	113	1.4837	0.0110	1.3667	1.3773
N-S2-UP	5yr-6hr-90%	0.00	70.49	0.0103	138.95	138.95	113	6.0835	0.0110	6.0833	6.0836

Node: N-S3-DS

Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 68.90 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-DS	100-12hr-10%	0.00	72.71	0.0056	5842.17	475.02	63392	1.2500	0.8201	0.7901	1.2499
N-S3-DS	100-12hr	0.00	70.06	-0.0010	160.67	178.05	57436	9.7500	0.9117	9.7500	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	r-90%										
N-S3-DS	100-1hr-10%	0.00	70.53	-0.0007	213.16	189.10	59402	0.9652	0.0648	0.6283	0.9657
N-S3-DS	100-1hr-90%	0.00	71.11	0.0117	14473.80	443.81	61710	1.3798	1.2357	1.2357	1.2357
N-S3-DS	100-24hr-10%	0.00	72.30	0.0073	9182.46	409.71	63392	1.2500	0.8372	0.8372	1.2500
N-S3-DS	100-24hr-90%	0.00	69.85	-0.0010	137.86	178.05	56544	20.5000	0.9117	20.5000	0.0000
N-S3-DS	100-6hr-10%	0.00	72.85	0.0057	7171.30	499.70	63402	1.1667	0.7318	0.7318	1.1666
N-S3-DS	100-6hr-90%	0.00	70.87	0.0041	5194.20	374.94	60919	4.9996	4.9474	4.9474	4.9474
N-S3-DS	10yr-12hr-10%	0.00	70.86	0.0040	5094.62	370.51	60847	1.7404	1.5586	1.5586	1.5587
N-S3-DS	10yr-12hr-90%	0.00	70.11	-0.0010	163.73	178.05	57639	11.2500	0.9117	11.2500	0.0000
N-S3-DS	10yr-1hr-10%	0.00	69.36	-0.0007	109.27	178.05	54409	1.0554	0.0852	0.8501	0.0000
N-S3-DS	10yr-1hr-90%	0.00	69.68	-0.0010	159.29	178.05	55702	1.4289	0.2627	1.2023	0.0000
N-S3-DS	10yr-24hr-10%	0.00	70.54	-0.0010	193.04	189.80	59514	2.0000	0.1395	1.8423	1.9994
N-S3-DS	10yr-24hr-90%	0.00	69.86	-0.0010	139.00	178.05	56581	22.5000	0.9117	22.4999	0.0000
N-S3-DS	10yr-6hr-10%	0.00	70.99	0.0085	5164.69	404.87	61412	1.4703	1.3109	1.3808	1.3110
N-S3-DS	10yr-6hr-90%	0.00	70.69	-0.0010	343.01	205.11	60165	6.0000	0.9117	5.9947	6.0000
N-S3-DS	25yr-12hr-10%	0.00	71.61	0.0044	4713.20	358.29	63399	1.5000	1.0733	1.0725	1.0259
N-S3-DS	25yr-12hr-90%	0.00	70.25	-0.0010	177.34	178.05	58244	10.7500	0.9117	10.7500	0.0000
N-S3-DS	25yr-1hr-10%	0.00	69.85	-0.0007	147.16	178.05	56502	1.0132	0.0769	0.8180	0.0000
N-S3-DS	25yr-1hr-90%	0.00	70.29	-0.0010	261.77	178.05	58266	1.4057	0.2627	1.2468	0.0000
N-S3-DS	25yr-24hr-10%	0.00	71.23	0.0078	9674.79	431.78	62479	1.5000	1.1783	1.1783	1.1784
N-S3-DS	25yr-24hr-90%	0.00	69.93	-0.0010	146.21	178.05	56917	21.7500	0.9117	21.7500	0.0000
N-S3-DS	25yr-6hr-10%	0.00	71.77	0.0038	4786.23	356.99	63369	1.3906	0.9742	0.9742	0.9492
N-S3-DS	25yr-6hr-90%	0.00	70.79	0.0029	3743.91	345.23	60589	5.4998	5.4900	5.4900	5.4900

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-DS	2yr-12hr-10%	0.00	69.32	-0.0010	94.37	178.05	54338	2.0916	0.1395	1.8012	0.0000
N-S3-DS	2yr-12hr-90%	0.00	69.49	-0.0010	109.10	178.05	54991	12.1392	0.9117	12.0502	0.0000
N-S3-DS	2yr-1hr-10%	0.00	68.90	-0.0008	53.89	178.05	52444	0.0000	0.0961	0.8843	0.0000
N-S3-DS	2yr-1hr-90%	0.00	68.90	-0.0010	75.25	178.05	52444	0.0000	0.2627	1.1446	0.0000
N-S3-DS	2yr-24hr-10%	0.00	69.07	-0.0010	76.78	178.05	53253	2.5541	0.2627	2.1020	0.0000
N-S3-DS	2yr-24hr-90%	0.00	69.61	-0.0010	116.86	178.05	55513	24.1259	0.9117	24.0346	0.0000
N-S3-DS	2yr-6hr-10%	0.00	69.44	-0.0010	106.98	178.05	54819	1.6724	0.1395	1.4014	0.0000
N-S3-DS	2yr-6hr-90%	0.00	69.44	-0.0010	107.53	178.05	54792	6.1498	0.9117	6.0499	0.0000
N-S3-DS	50-12hr-10%	0.00	72.06	0.0053	6619.09	401.84	63382	1.2500	0.8799	0.8799	0.8800
N-S3-DS	50-12hr-90%	0.00	70.18	-0.0010	171.48	178.05	57950	10.2500	0.9117	10.2500	0.0000
N-S3-DS	50-1hr-10%	0.00	70.20	-0.0007	192.29	178.05	57988	0.9855	0.0688	0.7156	0.0000
N-S3-DS	50-1hr-90%	0.00	70.71	-0.0010	400.32	207.17	60052	1.3902	0.2627	1.3649	1.3906
N-S3-DS	50-24hr-10%	0.00	71.85	0.0041	5220.22	370.82	63384	1.5000	1.0321	1.0321	1.0088
N-S3-DS	50-24hr-90%	0.00	69.81	-0.0010	135.37	178.05	56392	21.0000	0.9117	20.9999	0.0000
N-S3-DS	50-6hr-10%	0.00	72.23	0.0060	7555.64	413.26	63377	1.1667	0.8725	0.8725	0.8726
N-S3-DS	50-6hr-90%	0.00	70.73	0.0052	6677.64	371.45	60337	5.1647	5.1647	5.1646	5.1647
N-S3-DS	5yr-12hr-10%	0.00	70.22	-0.0010	163.63	178.05	58147	1.8667	0.1395	1.6007	0.0000
N-S3-DS	5yr-12hr-90%	0.00	70.21	-0.0010	171.04	178.05	58080	12.0000	0.9117	12.0000	0.0000
N-S3-DS	5yr-1hr-10%	0.00	68.97	-0.0008	83.85	178.05	52788	1.0887	0.0961	0.8668	0.0000
N-S3-DS	5yr-1hr-90%	0.00	69.22	-0.0010	120.94	178.05	53728	1.4496	0.2627	1.1834	0.0000
N-S3-DS	5yr-24hr-10%	0.00	69.93	-0.0010	136.45	178.05	56893	2.1757	0.1395	2.0343	0.0000
N-S3-DS	5yr-24hr-90%	0.00	69.68	-0.0010	125.56	178.05	55860	23.0000	0.9117	23.0000	0.0000
N-S3-DS	5yr-6hr-10%	0.00	70.36	-0.0010	189.02	178.05	58734	1.5423	0.1395	1.0948	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-DS	10%										
N-S3-DS	5yr-6hr-90%	0.00	70.23	-0.0010	169.53	178.05	58169	6.1197	0.9117	6.0348	0.0000

Node: N-S3-UP

Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 69.72 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-UP	100-12hr-10%	0.00	87.87	-0.0420	91.37	133.39	113	0.7720	0.6366	1.0500	0.7720
N-S3-UP	100-12hr-90%	0.00	71.77	0.0008	32.21	32.19	113	9.7500	3.5885	9.7500	9.7500
N-S3-UP	100-1hr-10%	0.00	78.40	-0.0211	55.95	64.55	113	0.3984	0.6283	0.3833	0.6283
N-S3-UP	100-1hr-90%	0.00	107.78	-0.0663	124.57	176.79	113	1.0743	1.1172	1.0666	1.1171
N-S3-UP	100-24hr-10%	0.00	84.47	-0.0373	83.80	119.37	113	0.8434	0.6883	1.0500	0.8434
N-S3-UP	100-24hr-90%	0.00	71.50	0.0007	25.88	25.87	113	20.5000	5.9539	20.5000	20.5000
N-S3-UP	100-6hr-10%	0.00	90.64	-0.0458	99.80	143.86	113	0.7376	0.6154	0.8666	0.7377
N-S3-UP	100-6hr-90%	0.00	77.20	-0.0266	53.14	81.69	113	4.9540	4.9545	5.0000	4.9545
N-S3-UP	10yr-12hr-10%	0.00	75.14	-0.0217	43.05	67.04	113	1.0180	1.0181	1.0834	1.0180
N-S3-UP	10yr-12hr-90%	0.00	71.79	0.0007	32.42	32.40	113	11.2500	4.6816	11.2500	11.2500

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-UP	10yr-1hr-10%	0.00	71.54	0.0010	27.79	27.79	113	0.4172	0.2290	0.4166	0.4173
N-S3-UP	10yr-1hr-90%	0.00	82.87	-0.0052	70.89	70.25	113	1.0725	1.2023	1.0667	1.0725
N-S3-UP	10yr-24hr-10%	0.00	73.89	-0.0179	36.63	55.11	113	1.0844	1.1868	1.5334	1.1867
N-S3-UP	10yr-24hr-90%	0.00	71.51	0.0010	26.28	26.27	113	22.5000	11.1766	22.5000	22.4999
N-S3-UP	10yr-6hr-10%	0.00	76.78	-0.0256	49.70	78.65	113	0.9091	0.9092	0.9167	0.9091
N-S3-UP	10yr-6hr-90%	0.00	74.89	0.0086	41.20	41.18	113	6.0000	5.9429	6.0000	6.0000
N-S3-UP	25yr-12hr-10%	0.00	79.60	-0.0310	60.65	95.50	113	1.0364	1.0367	1.0667	1.0366
N-S3-UP	25yr-12hr-90%	0.00	71.97	0.0008	35.20	35.17	113	10.7500	4.1721	10.7500	10.7499
N-S3-UP	25yr-1hr-10%	0.00	74.33	0.0032	38.36	38.31	113	0.4077	0.3377	0.4000	0.4077
N-S3-UP	25yr-1hr-90%	0.00	91.03	-0.0169	91.86	90.84	113	1.0730	1.2126	1.0667	1.0731
N-S3-UP	25yr-24hr-10%	0.00	77.09	-0.0266	53.22	80.74	113	1.1840	1.1993	1.0667	1.1992
N-S3-UP	25yr-24hr-90%	0.00	71.57	0.0010	29.09	29.08	113	21.7500	8.9410	21.7500	21.7500
N-S3-UP	25yr-6hr-10%	0.00	81.72	-0.0342	68.24	106.66	113	0.9372	0.9373	0.9000	0.9372
N-S3-UP	25yr-6hr-90%	0.00	76.35	-0.0246	48.08	75.81	113	5.4958	5.4964	5.5000	5.4964
N-S3-UP	2yr-12hr-10%	0.00	71.27	0.0010	18.57	18.57	113	1.3336	0.4368	1.3333	1.3337
N-S3-UP	2yr-12hr-90%	0.00	71.38	0.0007	21.59	21.59	113	12.0029	6.0865	12.0000	12.0030
N-S3-UP	2yr-1hr-10%	0.00	71.03	0.0010	13.26	13.26	113	0.7694	0.2536	0.7667	0.7695
N-S3-UP	2yr-1hr-90%	0.00	74.27	-0.0042	38.16	37.95	113	1.0726	1.1446	1.0667	1.0727
N-S3-UP	2yr-24hr-10%	0.00	71.12	0.0010	15.04	15.04	113	1.5670	0.5192	1.5666	1.5672
N-S3-UP	2yr-24hr-90%	0.00	71.40	0.0010	22.23	22.23	113	24.0004	15.1438	24.0000	24.0007
N-S3-UP	2yr-6hr-10%	0.00	71.41	0.0010	22.53	22.53	113	1.0679	0.4017	1.0667	1.0679
N-S3-UP	2yr-6hr-90%	0.00	71.37	0.0009	21.37	21.37	113	6.0012	3.0780	6.0000	6.0013
N-S3-UP	50-12hr	0.00	83.61	-0.0362	75.64	115.55	113	0.8776	0.8776	1.0500	0.8776

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S3-UP	50-12hr-90%	0.00	71.91	0.0008	34.24	34.22	113	10.2500	3.8629	10.2500	10.2500
N-S3-UP	50-1hr-10%	0.00	76.13	-0.0180	46.92	55.58	113	0.4026	0.7156	0.4000	0.7156
N-S3-UP	50-1hr-90%	0.00	98.72	-0.0449	108.07	115.79	113	1.0736	1.1546	1.0667	1.1546
N-S3-UP	50-24hr-10%	0.00	81.17	-0.0334	67.41	103.96	113	0.9875	0.9877	1.0666	0.9877
N-S3-UP	50-24hr-90%	0.00	71.50	0.0007	25.56	25.56	113	21.0000	7.3771	21.0000	20.9999
N-S3-UP	50-6hr-10%	0.00	86.05	-0.0399	83.57	126.07	113	0.8213	0.6782	0.8833	0.8214
N-S3-UP	50-6hr-90%	0.00	76.68	-0.0162	49.43	51.33	113	5.1667	4.5813	5.1667	4.5813
N-S3-UP	5yr-12hr-10%	0.00	71.86	-0.0017	31.51	33.46	113	1.2910	1.2911	1.3000	1.2911
N-S3-UP	5yr-12hr-90%	0.00	71.83	0.0008	33.14	33.13	113	12.0000	5.1582	12.0000	12.0000
N-S3-UP	5yr-1hr-10%	0.00	71.36	0.0010	20.83	20.83	113	0.4340	0.2512	0.4333	0.4342
N-S3-UP	5yr-1hr-90%	0.00	78.39	-0.0050	56.25	55.83	113	1.0723	1.1834	1.0667	1.0723
N-S3-UP	5yr-24hr-10%	0.00	71.52	0.0010	26.49	26.49	113	1.5504	0.3685	1.5500	1.5504
N-S3-UP	5yr-24hr-90%	0.00	71.45	0.0010	23.92	23.92	113	23.0000	12.8363	23.0000	23.0000
N-S3-UP	5yr-6hr-10%	0.00	74.10	-0.0188	37.03	57.92	113	0.9669	1.0948	0.9500	1.0948
N-S3-UP	5yr-6hr-90%	0.00	71.79	0.0008	32.39	32.39	113	6.0013	2.5761	6.0000	6.0015

Node: N-S5-DS

Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 66.63 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [C]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S5-DS	100-12h r-10%	0.00	69.08	0.0004	734.26	549.14	56870	1.2500	1.1710	1.1710	1.2499
N-S5-DS	100-12h r-90%	0.00	67.30	-0.0005	179.40	172.21	47116	9.7500	0.2627	9.7500	9.7500
N-S5-DS	100-1hr -10%	0.00	67.51	-0.0003	213.53	207.60	48448	0.9374	0.0648	0.8515	0.9375
N-S5-DS	100-1hr -90%	0.00	67.70	-0.0005	250.77	242.64	49880	1.4449	0.2627	1.3772	1.4450
N-S5-DS	100-24h r-10%	0.00	68.76	-0.0004	488.11	469.21	55167	1.2500	0.0961	1.2500	1.2500
N-S5-DS	100-24h r-90%	0.00	67.16	-0.0005	154.83	150.49	46344	20.5000	0.2627	20.5000	20.4999
N-S5-DS	100-6hr -10%	0.00	69.16	0.0004	752.07	570.94	57349	1.1667	1.0559	1.0558	1.1667
N-S5-DS	100-6hr -90%	0.00	67.82	-0.0005	280.07	263.76	49941	5.0000	0.2627	4.9996	5.0000
N-S5-DS	10yr-12 hr-10%	0.00	67.79	-0.0005	260.29	258.93	49925	1.7500	0.1395	1.7404	1.7499
N-S5-DS	10yr-12 hr-90%	0.00	67.32	-0.0005	183.70	176.90	47282	11.2500	0.2627	11.2500	11.2500
N-S5-DS	10yr-1hr -10%	0.00	66.81	-0.0003	102.45	100.47	44419	1.0687	0.0852	0.8729	1.0690
N-S5-DS	10yr-1hr -90%	0.00	66.88	-0.0005	123.76	111.04	45149	1.5090	0.2627	1.0370	1.5091
N-S5-DS	10yr-24 hr-10%	0.00	67.60	-0.0005	224.94	224.06	48846	2.0000	0.1395	1.9994	1.9998
N-S5-DS	10yr-24 hr-90%	0.00	67.16	-0.0005	156.06	151.51	46379	22.5000	0.2627	22.4999	22.4998
N-S5-DS	10yr-6hr -10%	0.00	67.86	-0.0004	275.47	272.21	50337	1.4842	0.1304	1.3991	1.4845
N-S5-DS	10yr-6hr -90%	0.00	67.69	-0.0005	247.86	241.07	49372	6.0000	0.2627	6.0000	6.0000
N-S5-DS	25yr-12 hr-10%	0.00	68.30	-0.0004	368.60	362.97	52643	1.5000	0.1160	1.5000	1.4999
N-S5-DS	25yr-12 hr-90%	0.00	67.41	-0.0005	198.87	191.42	47780	10.7500	0.2627	10.7500	10.7500
N-S5-DS	25yr-1hr -10%	0.00	67.08	-0.0003	143.76	139.55	46056	0.9786	0.0769	0.8677	0.9787
N-S5-DS	25yr-1hr -90%	0.00	67.22	-0.0005	166.11	159.75	47120	1.4794	0.2627	1.4039	1.4795
N-S5-DS	25yr-24 hr-10%	0.00	68.04	-0.0004	318.41	309.04	51243	1.5000	0.1304	1.5000	1.4999
N-S5-DS	25yr-24 hr-90%	0.00	67.22	-0.0005	165.58	160.07	46680	21.7500	0.2627	21.7500	21.7500

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S5-DS	25yr-6hr -10%	0.00	68.40	-0.0004	387.79	384.17	53201	1.4015	0.1110	1.3838	1.4018
N-S5-DS	25yr-6hr -90%	0.00	67.76	-0.0005	266.18	253.55	49735	5.5000	0.2627	5.4999	5.4999
N-S5-DS	2yr-12hr -10%	0.00	66.85	-0.0005	107.54	106.75	44574	2.0903	0.1395	2.0329	2.0905
N-S5-DS	2yr-12hr -90%	0.00	66.93	-0.0005	120.79	117.60	45040	12.0651	0.2627	12.0189	12.0652
N-S5-DS	2yr-1hr-10%	0.00	66.63	-0.0004	65.32	78.46	43148	0.0000	0.1160	0.0000	0.0000
N-S5-DS	2yr-1hr-90%	0.00	66.63	-0.0005	73.29	78.46	43148	0.0000	0.2627	1.0348	0.0000
N-S5-DS	2yr-24hr -10%	0.00	66.72	-0.0005	89.42	89.05	43756	2.5568	0.2627	2.5157	2.5577
N-S5-DS	2yr-24hr -90%	0.00	67.00	-0.0005	130.24	127.50	45457	24.0599	0.2627	24.0181	24.0601
N-S5-DS	2yr-6hr-10%	0.00	66.90	-0.0005	114.68	113.40	44892	1.7059	0.1395	1.5661	1.7062
N-S5-DS	2yr-6hr-90%	0.00	66.90	-0.0005	116.92	113.02	44853	6.0725	0.2627	6.0334	6.0726
N-S5-DS	50-12hr -10%	0.00	68.59	-0.0004	448.28	429.30	54256	1.2500	0.0961	1.2500	1.2500
N-S5-DS	50-12hr -90%	0.00	67.37	-0.0005	191.83	184.32	47538	10.2500	0.2627	10.2500	10.2500
N-S5-DS	50-1hr-10%	0.00	67.30	-0.0003	177.70	172.56	47267	0.9532	0.0688	0.8656	0.9532
N-S5-DS	50-1hr-90%	0.00	67.46	-0.0005	207.38	199.98	48546	1.4606	0.2627	1.3887	1.4607
N-S5-DS	50-24hr -10%	0.00	68.48	-0.0004	410.59	402.74	53589	1.5000	0.1110	1.4999	1.5000
N-S5-DS	50-24hr -90%	0.00	67.14	-0.0005	151.78	147.35	46223	21.0000	0.2627	20.9999	20.9999
N-S5-DS	50-6hr-10%	0.00	68.69	-0.0004	474.11	453.10	54838	1.1667	0.0961	1.1667	1.1667
N-S5-DS	50-6hr-90%	0.00	67.73	-0.0005	262.13	247.73	49543	5.1667	0.2627	5.1647	5.1667
N-S5-DS	5yr-12hr -10%	0.00	67.39	-0.0005	188.47	187.20	47658	1.8553	0.1395	1.7843	1.8557
N-S5-DS	5yr-12hr -90%	0.00	67.39	-0.0005	193.26	187.22	47643	12.0000	0.2627	12.0000	12.0000
N-S5-DS	5yr-1hr-10%	0.00	66.63	-0.0004	76.40	78.46	43191	0.0000	0.0961	0.8595	0.0000
N-S5-DS	5yr-1hr-90%	0.00	66.64	-0.0005	100.81	80.05	43678	1.5337	0.2627	1.0358	1.5338
N-S5-DS	5yr-24hr	0.00	67.21	-0.0005	159.98	158.82	46643	2.1007	0.1395	2.0338	2.1013

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	-10%										
N-SS-DS	5yr-24hr-90%	0.00	67.06	-0.0005	140.58	136.22	45790	23.0000	0.2627	23.0000	23.0000
N-SS-DS	5yr-6hr-10%	0.00	67.46	-0.0005	200.38	198.94	48080	1.5634	0.1395	1.5097	1.5635
N-SS-DS	5yr-6hr-90%	0.00	67.38	-0.0005	190.21	186.12	47625	6.0610	0.2627	6.0176	6.0612

Node: N-SS-UP

Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 76.28 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-SS-UP	100-12hr-10%	0.00	87.24	-0.1653	98.19	275.92	113	0.7861	1.1710	0.7833	1.1710
N-SS-UP	100-12hr-90%	0.00	78.26	0.0010	33.83	33.82	113	9.7500	2.9720	9.7500	9.7499
N-SS-UP	100-1hr-10%	0.00	83.68	0.0066	78.20	78.09	113	0.3027	0.2193	0.3000	0.3027
N-SS-UP	100-1hr-90%	0.00	104.29	-0.0104	164.49	162.91	113	1.0293	1.0768	1.0167	1.0293
N-SS-UP	100-24hr-10%	0.00	85.43	0.0044	88.58	88.55	113	1.0185	0.3578	1.0167	1.0186
N-SS-UP	100-24hr-90%	0.00	78.04	0.0010	26.62	26.62	113	20.5000	8.5672	20.5000	20.4998
N-SS-UP	100-6hr-10%	0.00	89.23	-0.1685	107.79	285.45	113	0.7066	1.0559	0.7000	1.0558
N-SS-UP	100-6hr-90%	0.00	80.80	0.0017	56.98	56.92	113	5.0000	4.9732	5.0000	5.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-SS-UP	10yr-12hr-10%	0.00	78.55	0.0010	47.89	47.89	113	1.0334	0.1902	1.0333	1.0334
N-SS-UP	10yr-12hr-90%	0.00	78.26	0.0010	34.06	34.06	113	11.2500	3.9698	11.2500	11.2499
N-SS-UP	10yr-1hr-10%	0.00	78.45	0.0010	42.16	42.16	113	0.3171	0.1170	0.3167	0.3173
N-SS-UP	10yr-1hr-90%	0.00	87.74	-0.0091	101.06	100.65	113	1.0301	1.1083	1.0167	1.0301
N-SS-UP	10yr-24hr-10%	0.00	78.44	0.0010	41.29	41.29	113	1.0333	0.2291	1.0333	1.0334
N-SS-UP	10yr-24hr-90%	0.00	78.06	0.0010	27.19	27.18	113	22.5000	8.6335	22.5000	22.4999
N-SS-UP	10yr-6hr-10%	0.00	80.67	-0.0013	55.85	55.85	113	0.8670	0.9842	0.8666	0.8671
N-SS-UP	10yr-6hr-90%	0.00	78.47	0.0010	42.75	42.75	113	6.0000	1.8122	6.0000	5.9999
N-SS-UP	25yr-12hr-10%	0.00	81.89	0.0027	65.77	65.76	113	0.7938	0.5212	0.7833	0.7938
N-SS-UP	25yr-12hr-90%	0.00	78.34	0.0010	36.82	36.81	113	10.7500	3.5555	10.7500	10.7498
N-SS-UP	25yr-1hr-10%	0.00	80.36	-0.0031	55.86	54.53	113	0.3413	0.3755	0.3166	0.2816
N-SS-UP	25yr-1hr-90%	0.00	93.38	-0.0095	126.20	125.38	113	1.0291	1.1202	1.0167	1.0292
N-SS-UP	25yr-24hr-10%	0.00	80.99	0.0015	58.64	58.62	113	1.0206	0.8850	1.0167	1.0207
N-SS-UP	25yr-24hr-90%	0.00	78.16	0.0010	30.54	30.54	113	21.7500	8.5513	21.7500	21.7498
N-SS-UP	25yr-6hr-10%	0.00	83.20	0.0035	75.05	75.02	113	0.7186	0.4342	0.7167	0.7187
N-SS-UP	25yr-6hr-90%	0.00	78.59	0.0010	50.93	50.93	113	5.5000	1.5693	5.5000	5.5000
N-SS-UP	2yr-12hr-10%	0.00	77.87	0.0010	21.93	21.93	113	1.2835	0.2856	1.2833	1.2835
N-SS-UP	2yr-12hr-90%	0.00	77.92	0.0009	23.31	23.31	113	12.0002	5.1712	12.0000	12.0004
N-SS-UP	2yr-1hr-10%	0.00	77.86	0.0010	21.71	21.70	113	0.3504	0.1259	0.3500	0.3494
N-SS-UP	2yr-1hr-90%	0.00	81.22	-0.0069	60.56	60.48	113	1.0337	1.0716	1.0333	1.0338
N-SS-UP	2yr-24hr-10%	0.00	77.71	0.0010	17.94	17.93	113	1.5177	0.3342	1.5167	1.5180
N-SS-UP	2yr-24hr-90%	0.00	77.93	0.0007	23.35	23.34	113	24.0001	13.1652	24.0000	24.0000
N-SS-UP	2yr-6hr-90%	0.00	78.06	0.0010	27.22	27.21	113	0.8835	0.2867	0.8833	0.8836

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	10%										
N-SS-UP	2yr-6hr-90%	0.00	77.93	0.0010	23.51	23.51	113	6.0002	2.5168	6.0000	6.0004
N-SS-UP	50-12hr-10%	0.00	84.24	0.0038	81.64	81.60	113	0.7881	0.3844	0.7833	0.7881
N-SS-UP	50-12hr-90%	0.00	78.31	0.0010	35.87	35.87	113	10.2500	3.2703	10.2500	10.2500
N-SS-UP	50-1hr-10%	0.00	82.02	0.0052	66.85	66.76	113	0.3052	0.2479	0.3000	0.3053
N-SS-UP	50-1hr-90%	0.00	98.47	-0.0097	145.28	144.11	113	1.0291	1.1274	1.0167	1.0291
N-SS-UP	50-24hr-10%	0.00	82.84	0.0033	72.63	72.61	113	1.0194	0.4608	1.0167	1.0195
N-SS-UP	50-24hr-90%	0.00	78.03	0.0010	26.38	26.38	113	21.0000	8.5807	21.0000	20.9999
N-SS-UP	50-6hr-10%	0.00	85.87	0.0046	91.00	90.98	113	0.7145	0.3485	0.7000	0.7145
N-SS-UP	50-6hr-90%	0.00	78.61	0.0010	53.01	53.01	113	5.1667	1.4876	5.1667	5.1667
N-SS-UP	5yr-12hr-10%	0.00	78.31	0.0010	35.93	35.92	113	1.0337	0.2189	1.0333	1.0339
N-SS-UP	5yr-12hr-90%	0.00	78.28	0.0010	34.58	34.57	113	12.0000	4.3683	12.0000	12.0000
N-SS-UP	5yr-1hr-10%	0.00	78.23	0.0010	32.82	32.82	113	0.3335	0.1691	0.3333	0.3337
N-SS-UP	5yr-1hr-90%	0.00	84.47	-0.0087	83.11	82.98	113	1.0333	1.0966	1.0167	1.0334
N-SS-UP	5yr-24hr-10%	0.00	78.14	0.0010	29.78	29.78	113	1.0336	0.2302	1.0333	1.0337
N-SS-UP	5yr-24hr-90%	0.00	77.98	0.0009	24.94	24.94	113	23.0000	12.0994	23.0000	22.9997
N-SS-UP	5yr-6hr-10%	0.00	78.47	0.0010	43.01	43.01	113	0.8670	0.2044	0.8667	0.8671
N-SS-UP	5yr-6hr-90%	0.00	78.27	0.0010	34.25	34.25	113	6.0001	2.1653	6.0000	6.0002

Node: N-S6-OUT

Scenario: PC
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 36.09 ft
 Warning Stage: 0.00 ft

Boundary Stage:

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S6-O UT	100-12hr-10%	0.00	36.09	0.0000	3403.16	0.00	0	0.0000	0.0000	1.2500	0.0000
N-S6-O UT	100-12hr-90%	0.00	36.09	0.0000	1034.56	0.00	0	0.0000	0.0000	9.7500	0.0000
N-S6-O UT	100-1hr-10%	0.00	36.09	0.0000	1798.67	0.00	0	0.0000	0.0000	0.8356	0.0000
N-S6-O UT	100-1hr-90%	0.00	36.09	0.0000	2626.40	0.00	0	0.0000	0.0000	1.3279	0.0000
N-S6-O UT	100-24hr-10%	0.00	36.09	0.0000	3042.04	0.00	0	0.0000	0.0000	1.2500	0.0000
N-S6-O UT	100-24hr-90%	0.00	36.09	0.0000	891.80	0.00	0	0.0000	0.0000	20.5000	0.0000
N-S6-O UT	100-6hr-10%	0.00	36.09	0.0000	3623.79	0.00	0	0.0000	0.0000	1.1666	0.0000
N-S6-O UT	100-6hr-90%	0.00	36.09	0.0000	1634.29	0.00	0	0.0000	0.0000	5.0000	0.0000
N-S6-O UT	10yr-12hr-10%	0.00	36.09	0.0000	1706.91	0.00	0	0.0000	0.0000	1.4770	0.0000
N-S6-O UT	10yr-12hr-90%	0.00	36.09	0.0000	1070.63	0.00	0	0.0000	0.0000	11.2500	0.0000
N-S6-O UT	10yr-1hr-10%	0.00	36.09	0.0000	1036.83	0.00	0	0.0000	0.0000	0.9112	0.0000
N-S6-O UT	10yr-1hr-90%	0.00	36.09	0.0000	1501.80	0.00	0	0.0000	0.0000	1.3578	0.0000
N-S6-O UT	10yr-24hr-10%	0.00	36.09	0.0000	1450.89	0.00	0	0.0000	0.0000	1.6662	0.0000
N-S6-O UT	10yr-24hr-90%	0.00	36.09	0.0000	908.82	0.00	0	0.0000	0.0000	22.5000	0.0000
N-S6-O UT	10yr-6hr-10%	0.00	36.09	0.0000	1915.60	0.00	0	0.0000	0.0000	1.2933	0.0000
N-S6-O UT	10yr-6hr-90%	0.00	36.09	0.0000	1475.72	0.00	0	0.0000	0.0000	6.0000	0.0000
N-S6-O UT	25yr-12hr-10%	0.00	36.09	0.0000	2324.87	0.00	0	0.0000	0.0000	1.3945	0.0000
N-S6-O UT	25yr-12hr-90%	0.00	36.09	0.0000	1143.40	0.00	0	0.0000	0.0000	10.7500	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S6-O UT	25yr-1hr -10%	0.00	36.09	0.0000	1330.04	0.00	0	0.0000	0.0000	0.8796	0.0000
N-S6-O UT	25yr-1hr -90%	0.00	36.09	0.0000	1938.60	0.00	0	0.0000	0.0000	1.3443	0.0000
N-S6-O UT	25yr-24 hr-10%	0.00	36.09	0.0000	2027.80	0.00	0	0.0000	0.0000	1.5000	0.0000
N-S6-O UT	25yr-24 hr-90%	0.00	36.09	0.0000	939.58	0.00	0	0.0000	0.0000	21.7500	0.0000
N-S6-O UT	25yr-6hr -10%	0.00	36.09	0.0000	2551.20	0.00	0	0.0000	0.0000	1.2437	0.0000
N-S6-O UT	25yr-6hr -90%	0.00	36.09	0.0000	1568.55	0.00	0	0.0000	0.0000	5.5000	0.0000
N-S6-O UT	2yr-12hr -10%	0.00	36.09	0.0000	803.27	0.00	0	0.0000	0.0000	1.6924	0.0000
N-S6-O UT	2yr-12hr -90%	0.00	36.09	0.0000	772.67	0.00	0	0.0000	0.0000	12.1301	0.0000
N-S6-O UT	2yr-1hr -10%	0.00	36.09	0.0000	586.79	0.00	0	0.0000	0.0000	0.9796	0.0000
N-S6-O UT	2yr-1hr -90%	0.00	36.09	0.0000	833.01	0.00	0	0.0000	0.0000	1.3867	0.0000
N-S6-O UT	2yr-24hr -10%	0.00	36.09	0.0000	648.08	0.00	0	0.0000	0.0000	1.9250	0.0000
N-S6-O UT	2yr-24hr -90%	0.00	36.09	0.0000	799.39	0.00	0	0.0000	0.0000	24.1168	0.0000
N-S6-O UT	2yr-6hr -10%	0.00	36.09	0.0000	946.17	0.00	0	0.0000	0.0000	1.4198	0.0000
N-S6-O UT	2yr-6hr -90%	0.00	36.09	0.0000	813.86	0.00	0	0.0000	0.0000	6.1166	0.0000
N-S6-O UT	50-12hr -10%	0.00	36.09	0.0000	2835.38	0.00	0	0.0000	0.0000	1.2500	0.0000
N-S6-O UT	50-12hr -90%	0.00	36.09	0.0000	1103.03	0.00	0	0.0000	0.0000	10.2500	0.0000
N-S6-O UT	50-1hr -10%	0.00	36.09	0.0000	1560.53	0.00	0	0.0000	0.0000	0.8561	0.0000
N-S6-O UT	50-1hr -90%	0.00	36.09	0.0000	2278.54	0.00	0	0.0000	0.0000	1.3360	0.0000
N-S6-O UT	50-24hr -10%	0.00	36.09	0.0000	2508.14	0.00	0	0.0000	0.0000	1.4147	0.0000
N-S6-O UT	50-24hr -90%	0.00	36.09	0.0000	878.63	0.00	0	0.0000	0.0000	21.0000	0.0000
N-S6-O UT	50-6hr -10%	0.00	36.09	0.0000	3064.77	0.00	0	0.0000	0.0000	1.1666	0.0000
N-S6-O UT	50-6hr -90%	0.00	36.09	0.0000	1547.69	0.00	0	0.0000	0.0000	5.1667	0.0000
N-S6-O UT	5yr-12hr	0.00	36.09	0.0000	1288.03	0.00	0	0.0000	0.0000	1.5546	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
UT	-10%										
N-S6-O UT	5yr-12hr -90%	0.00	36.09	0.0000	1120.05	0.00	0	0.0000	0.0000	12.0000	0.0000
N-S6-O UT	5yr-1hr -10%	0.00	36.09	0.0000	834.67	0.00	0	0.0000	0.0000	0.9375	0.0000
N-S6-O UT	5yr-1hr -90%	0.00	36.09	0.0000	1200.69	0.00	0	0.0000	0.0000	1.3693	0.0000
N-S6-O UT	5yr-24hr -10%	0.00	36.09	0.0000	1073.24	0.00	0	0.0000	0.0000	1.7579	0.0000
N-S6-O UT	5yr-24hr -90%	0.00	36.09	0.0000	831.63	0.00	0	0.0000	0.0000	23.0000	0.0000
N-S6-O UT	5yr-6hr -10%	0.00	36.09	0.0000	1476.21	0.00	0	0.0000	0.0000	1.3411	0.0000
N-S6-O UT	5yr-6hr -90%	0.00	36.09	0.0000	1195.56	0.00	0	0.0000	0.0000	6.1011	0.0000

Node: N-S7-A

Scenario: PC
 Type: Stage/Area
 Base Flow: 0.00 cfs
 Initial Stage: 53.31 ft
 Warning Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-A	100-12hr r-10%	0.00	57.18	0.0010	549.14	520.03	90362	1.2500	0.0609	1.2499	1.2500
N-S7-A	100-12hr r-90%	0.00	55.70	0.0010	172.21	157.63	68045	9.7500	0.0609	9.7500	9.7500
N-S7-A	100-1hr -10%	0.00	55.99	0.0010	207.60	195.86	71244	1.1156	0.0609	0.9375	1.1109
N-S7-A	100-1hr -90%	0.00	56.18	0.0010	242.64	224.55	73332	1.5592	0.0609	1.4450	1.5634

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-A	100-24h r-10%	0.00	57.03	0.0010	469.21	484.64	88848	1.2350	0.0609	1.2500	1.2332
N-S7-A	100-24h r-90%	0.00	55.55	0.0010	150.49	141.30	66450	20.5000	0.0609	20.4999	20.4999
N-S7-A	100-6hr -10%	0.00	57.24	0.0010	570.94	533.85	90986	1.1667	0.0609	1.1667	1.1666
N-S7-A	100-6hr -90%	0.00	56.26	0.0010	263.76	235.94	73981	5.0000	0.0609	5.0000	5.0000
N-S7-A	10yr-12 hr-10%	0.00	56.35	0.0010	258.93	251.81	75184	1.7500	0.0609	1.7499	1.7499
N-S7-A	10yr-12 hr-90%	0.00	55.74	0.0010	176.90	162.72	68526	11.2500	0.0609	11.2500	11.2500
N-S7-A	10yr-1hr -10%	0.00	55.09	0.0010	100.47	94.80	61377	1.1985	0.0609	1.0690	1.2080
N-S7-A	10yr-1hr -90%	0.00	55.16	0.0010	111.04	101.27	62141	1.6448	0.0609	1.5091	1.6504
N-S7-A	10yr-24 hr-10%	0.00	56.15	0.0010	224.06	219.43	72974	2.0000	0.0609	1.9998	1.9998
N-S7-A	10yr-24 hr-90%	0.00	55.56	0.0010	151.51	141.88	66509	22.5000	0.0609	22.4998	22.4998
N-S7-A	10yr-6hr -10%	0.00	56.44	0.0010	272.21	266.23	76111	1.6267	0.0609	1.4845	1.6215
N-S7-A	10yr-6hr -90%	0.00	56.20	0.0010	241.07	226.66	73488	6.0000	0.0609	6.0000	6.0000
N-S7-A	25yr-12 hr-10%	0.00	56.86	0.0010	362.97	344.36	80530	1.5000	0.0609	1.4999	1.4999
N-S7-A	25yr-12 hr-90%	0.00	55.86	0.0010	191.42	176.56	69736	10.7500	0.0609	10.7500	10.7500
N-S7-A	25yr-1hr -10%	0.00	55.47	0.0010	139.55	131.75	65474	1.1671	0.0609	0.9787	1.1741
N-S7-A	25yr-1hr -90%	0.00	55.59	0.0010	159.75	145.44	66855	1.6100	0.0609	1.4795	1.6077
N-S7-A	25yr-24 hr-10%	0.00	56.54	0.0010	309.04	283.80	77054	1.5000	0.0609	1.4999	1.4999
N-S7-A	25yr-24 hr-90%	0.00	55.62	0.0010	160.07	149.08	67221	21.7500	0.0609	21.7500	21.7500
N-S7-A	25yr-6hr -10%	0.00	57.01	0.0010	384.17	376.10	82149	1.5000	0.0609	1.4018	1.4996
N-S7-A	25yr-6hr -90%	0.00	56.22	0.0010	253.55	230.86	73785	5.5000	0.0609	5.4999	5.4999
N-S7-A	2yr-12hr -10%	0.00	55.19	0.0010	106.75	104.45	62507	2.3224	0.0609	2.0905	2.3210
N-S7-A	2yr-12hr -90%	0.00	55.26	0.0010	117.60	111.21	63272	12.1751	0.0609	12.0652	12.1708
N-S7-A	2yr-1hr -10%	0.00	54.48	0.0010	78.46	46.34	54680	1.1785	0.0609	0.0000	1.1925

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	10%										
N-S7-A	2yr-1hr-90%	0.00	54.45	0.0010	78.46	44.36	54354	1.6991	0.0609	0.0000	1.7084
N-S7-A	2yr-24hr -10%	0.00	55.01	0.0010	89.05	87.63	60503	2.7242	0.0609	2.5577	2.7438
N-S7-A	2yr-24hr -90%	0.00	55.37	0.0010	127.50	121.94	64443	24.1545	0.0609	24.0601	24.1492
N-S7-A	2yr-6hr -10%	0.00	55.24	0.0010	113.40	108.92	63015	1.8849	0.0609	1.7062	1.8951
N-S7-A	2yr-6hr-90%	0.00	55.20	0.0010	113.02	104.94	62564	6.2147	0.0609	6.0726	6.2235
N-S7-A	50-12hr -10%	0.00	57.03	0.0010	429.30	452.65	88791	1.2497	0.0609	1.2500	1.2486
N-S7-A	50-12hr -90%	0.00	55.80	0.0010	184.32	168.94	69103	10.2500	0.0609	10.2500	10.2500
N-S7-A	50-1hr-10%	0.00	55.74	0.0010	172.56	162.23	68470	1.1443	0.0609	0.9532	1.1412
N-S7-A	50-1hr-90%	0.00	55.90	0.0010	199.98	183.29	70275	1.5836	0.0609	1.4607	1.5880
N-S7-A	50-24hr -10%	0.00	57.03	0.0010	402.74	381.53	82446	1.5000	0.0609	1.5000	1.5000
N-S7-A	50-24hr -90%	0.00	55.52	0.0010	147.35	138.10	66129	21.0000	0.0609	20.9999	20.9999
N-S7-A	50-6hr-10%	0.00	57.03	0.0010	453.10	477.65	88825	1.1514	0.0609	1.1667	1.1516
N-S7-A	50-6hr-90%	0.00	56.16	0.0010	247.73	221.41	73127	5.1667	0.0609	5.1667	5.1667
N-S7-A	5yr-12hr -10%	0.00	55.91	0.0010	187.20	184.39	70361	2.0618	0.0609	1.8557	2.0766
N-S7-A	5yr-12hr -90%	0.00	55.84	0.0010	187.22	174.81	69594	12.0000	0.0609	12.0000	12.0000
N-S7-A	5yr-1hr-10%	0.00	54.81	0.0010	78.46	71.23	58378	1.2125	0.0609	0.0000	1.2226
N-S7-A	5yr-1hr-90%	0.00	54.84	0.0010	80.05	73.53	58688	1.6721	0.0609	1.5338	1.6716
N-S7-A	5yr-24hr -10%	0.00	55.69	0.0010	158.82	156.72	67949	2.3868	0.0609	2.1013	2.3759
N-S7-A	5yr-24hr -90%	0.00	55.42	0.0010	136.22	127.05	64992	23.0000	0.0609	23.0000	23.0000
N-S7-A	5yr-6hr-10%	0.00	55.97	0.0010	198.94	192.97	71024	1.7211	0.0609	1.5635	1.7301
N-S7-A	5yr-6hr-90%	0.00	55.86	0.0010	186.12	177.30	69785	6.1557	0.0609	6.0612	6.1611

Node: N-S7-B	
Scenario:	PC
Type:	Stage/Area
Base Flow:	0.00 cfs
Initial Stage:	41.67 ft
Warning Stage:	0.00 ft

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-B	100-12h r-10%	0.00	43.62	0.0001	198.10	196.42	55476	1.1535	0.2856	1.0413	1.1690
N-S7-B	100-12h r-90%	0.00	42.67	0.0001	67.66	63.00	55318	9.7500	4.3315	9.7500	9.7500
N-S7-B	100-1hr -10%	0.00	42.89	0.0002	101.55	88.29	55464	0.7744	0.4382	0.4993	0.7847
N-S7-B	100-1hr -90%	0.00	43.40	0.0002	195.50	159.57	55525	1.1969	1.0242	1.0719	1.1957
N-S7-B	100-24h r-10%	0.00	43.50	0.0002	178.08	175.96	55467	1.1943	0.3348	1.0729	1.2046
N-S7-B	100-24h r-90%	0.00	42.58	0.0001	56.06	53.72	55318	20.5000	12.4046	20.4999	20.4999
N-S7-B	100-6hr -10%	0.00	43.70	0.0001	213.22	210.96	55486	1.0418	0.7140	0.9117	1.0511
N-S7-B	100-6hr -90%	0.00	43.00	0.0001	110.64	102.36	55330	5.0000	3.5967	5.0000	5.0000
N-S7-B	10yr-12 hr-10%	0.00	42.92	0.0002	92.64	91.28	55405	1.4134	0.6057	1.2809	1.4102
N-S7-B	10yr-12 hr-90%	0.00	42.68	0.0001	68.47	64.33	55321	11.2500	8.8201	11.2498	11.2498
N-S7-B	10yr-1hr -10%	0.00	42.50	0.0002	51.66	45.62	55379	0.8954	0.4777	0.4766	0.9038
N-S7-B	10yr-1hr -90%	0.00	42.78	0.0002	104.71	74.67	55486	1.2408	0.8963	1.1038	1.2387
N-S7-B	10yr-24 hr-10%	0.00	42.80	0.0002	78.68	77.52	55387	1.6489	0.6547	1.5466	1.6669
N-S7-B	10yr-24 hr-90%	0.00	42.59	0.0001	56.83	54.34	55319	22.5000	16.3212	22.4996	22.4996
N-S7-B	10yr-6hr -10%	0.00	43.01	0.0002	105.73	102.59	55423	1.2037	0.5216	1.0413	1.1993
N-S7-B	10yr-6hr	0.00	42.88	0.0001	89.19	86.74	55331	6.0000	4.4162	5.9998	5.9998

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	-90%										
N-S7-B	25yr-12 hr-10%	0.00	43.20	0.0002	129.94	128.96	55436	1.3060	0.4457	1.1711	1.3192
N-S7-B	25yr-12 hr-90%	0.00	42.73	0.0001	74.24	69.70	55320	10.7500	7.9301	10.7499	10.7499
N-S7-B	25yr-1hr -10%	0.00	42.66	0.0002	69.82	61.85	55419	0.8533	0.4387	0.5313	0.8474
N-S7-B	25yr-1hr -90%	0.00	43.03	0.0002	139.48	106.51	55512	1.2203	1.0350	1.0840	1.2236
N-S7-B	25yr-24 hr-10%	0.00	43.07	0.0002	112.18	111.14	55421	1.5000	0.5845	1.4990	1.4989
N-S7-B	25yr-24 hr-90%	0.00	42.61	0.0001	60.59	56.55	55318	21.7500	14.9000	21.7500	21.7500
N-S7-B	25yr-6hr -10%	0.00	43.29	0.0002	145.24	142.26	55451	1.1150	0.4047	1.0197	1.1090
N-S7-B	25yr-6hr -90%	0.00	42.95	0.0001	101.56	95.75	55331	5.5000	4.0651	5.5000	5.5000
N-S7-B	2yr-12hr -10%	0.00	42.42	0.0002	39.64	38.53	55341	1.7536	0.8013	1.5332	1.7800
N-S7-B	2yr-12hr -90%	0.00	42.47	0.0001	45.76	43.37	55320	12.0746	10.4225	12.0214	12.0707
N-S7-B	2yr-1hr-10%	0.00	42.20	-0.0001	29.23	21.73	54919	0.9791	1.3589	0.8209	0.9893
N-S7-B	2yr-1hr-90%	0.00	42.33	0.0002	52.71	30.93	55368	1.2912	1.0786	1.1317	1.2961
N-S7-B	2yr-24hr -10%	0.00	42.33	0.0001	31.72	31.19	55323	2.1561	0.8815	2.0466	2.1414
N-S7-B	2yr-24hr -90%	0.00	42.50	0.0001	47.97	46.08	55319	24.0631	18.9222	24.0150	24.0711
N-S7-B	2yr-6hr-10%	0.00	42.49	0.0002	47.44	44.51	55361	1.4038	0.7409	1.1951	1.4161
N-S7-B	2yr-6hr-90%	0.00	42.47	0.0001	45.62	43.45	55326	6.0694	5.2132	6.0188	6.0758
N-S7-B	50-12hr -10%	0.00	43.41	0.0002	162.78	161.52	55457	1.2242	0.3564	1.0623	1.2182
N-S7-B	50-12hr -90%	0.00	42.71	0.0001	72.06	67.35	55319	10.2500	7.1942	10.2500	10.2500
N-S7-B	50-1hr-10%	0.00	42.78	0.0002	85.23	74.74	55443	0.8187	0.4445	0.5126	0.8117
N-S7-B	50-1hr-90%	0.00	43.22	0.0002	167.03	132.37	55520	1.2078	1.0293	1.0770	1.2066
N-S7-B	50-24hr -10%	0.00	43.27	0.0002	142.47	140.42	55445	1.2479	0.4271	1.1256	1.2632
N-S7-B	50-24hr -90%	0.00	42.57	0.0001	55.31	52.81	55317	21.0000	13.8378	20.9998	20.9996

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-B	50-6hr-10%	0.00	43.50	0.0002	177.99	175.59	55469	1.0726	0.3247	0.9856	1.0835
N-S7-B	50-6hr-90%	0.00	42.95	0.0001	103.21	95.74	55331	5.1667	3.8168	5.1667	5.1667
N-S7-B	5yr-12hr-10%	0.00	42.70	0.0002	67.56	66.42	55381	1.5484	0.6742	1.3084	1.5650
N-S7-B	5yr-12hr-90%	0.00	42.71	0.0001	70.54	67.07	55321	12.0000	9.4532	11.9997	11.9997
N-S7-B	5yr-1hr-10%	0.00	42.37	0.0002	45.22	34.76	55351	0.9257	0.5031	0.6274	0.9345
N-S7-B	5yr-1hr-90%	0.00	42.58	0.0002	81.09	53.99	55446	1.2593	0.9271	1.1166	1.2570
N-S7-B	5yr-24hr-10%	0.00	42.59	0.0002	56.28	55.00	55365	1.7257	0.7365	1.5633	1.7454
N-S7-B	5yr-24hr-90%	0.00	42.53	0.0001	51.63	49.12	55316	23.0000	20.2800	22.9996	22.9996
N-S7-B	5yr-6hr-10%	0.00	42.79	0.0002	78.68	75.77	55400	1.2661	0.6324	1.0679	1.2769
N-S7-B	5yr-6hr-90%	0.00	42.72	0.0001	69.84	67.84	55330	6.0544	4.7068	6.0155	6.0506

Node: N-S7-OUT

Scenario: PC
 Type: Time/Stage
 Base Flow: 0.00 cfs
 Initial Stage: 6.23 ft
 Warning Stage: 0.00 ft
 Boundary Stage:

Comment:

Node Max Conditions w/ Times [PC]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-O UT	100-12h r-10%	0.00	6.23	0.0000	1589.96	0.00	0	0.0000	0.0000	1.2500	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-O UT	100-12h r-90%	0.00	6.23	0.0000	534.10	0.00	0	0.0000	0.0000	9.7500	0.0000
N-S7-O UT	100-1hr-10%	0.00	6.23	0.0000	709.45	0.00	0	0.0000	0.0000	1.0998	0.0000
N-S7-O UT	100-1hr-90%	0.00	6.23	0.0000	820.27	0.00	0	0.0000	0.0000	1.5333	0.0000
N-S7-O UT	100-24h r-10%	0.00	6.23	0.0000	1414.42	0.00	0	0.0000	0.0000	1.2493	0.0000
N-S7-O UT	100-24h r-90%	0.00	6.23	0.0000	476.28	0.00	0	0.0000	0.0000	20.5000	0.0000
N-S7-O UT	100-6hr-10%	0.00	6.23	0.0000	1612.55	0.00	0	0.0000	0.0000	1.1667	0.0000
N-S7-O UT	100-6hr-90%	0.00	6.23	0.0000	789.57	0.00	0	0.0000	0.0000	5.0000	0.0000
N-S7-O UT	10yr-12 hr-10%	0.00	6.23	0.0000	853.70	0.00	0	0.0000	0.0000	1.7500	0.0000
N-S7-O UT	10yr-12 hr-90%	0.00	6.23	0.0000	552.08	0.00	0	0.0000	0.0000	11.2500	0.0000
N-S7-O UT	10yr-1hr-10%	0.00	6.23	0.0000	381.71	0.00	0	0.0000	0.0000	1.1456	0.0000
N-S7-O UT	10yr-1hr-90%	0.00	6.23	0.0000	434.28	0.00	0	0.0000	0.0000	1.5499	0.0000
N-S7-O UT	10yr-24 hr-10%	0.00	6.23	0.0000	746.61	0.00	0	0.0000	0.0000	2.0000	0.0000
N-S7-O UT	10yr-24 hr-90%	0.00	6.23	0.0000	480.55	0.00	0	0.0000	0.0000	22.5000	0.0000
N-S7-O UT	10yr-6hr-10%	0.00	6.23	0.0000	903.29	0.00	0	0.0000	0.0000	1.6139	0.0000
N-S7-O UT	10yr-6hr-90%	0.00	6.23	0.0000	757.07	0.00	0	0.0000	0.0000	6.0000	0.0000
N-S7-O UT	25yr-12 hr-10%	0.00	6.23	0.0000	1137.87	0.00	0	0.0000	0.0000	1.5000	0.0000
N-S7-O UT	25yr-12 hr-90%	0.00	6.23	0.0000	593.28	0.00	0	0.0000	0.0000	10.7500	0.0000
N-S7-O UT	25yr-1hr-10%	0.00	6.23	0.0000	506.01	0.00	0	0.0000	0.0000	1.1266	0.0000
N-S7-O UT	25yr-1hr-90%	0.00	6.23	0.0000	579.68	0.00	0	0.0000	0.0000	1.5457	0.0000
N-S7-O UT	25yr-24 hr-10%	0.00	6.23	0.0000	959.98	0.00	0	0.0000	0.0000	1.5000	0.0000
N-S7-O UT	25yr-24 hr-90%	0.00	6.23	0.0000	501.78	0.00	0	0.0000	0.0000	21.7500	0.0000
N-S7-O UT	25yr-6hr-10%	0.00	6.23	0.0000	1233.69	0.00	0	0.0000	0.0000	1.5000	0.0000
N-S7-O UT	25yr-6hr-90%	0.00	6.23	0.0000	772.73	0.00	0	0.0000	0.0000	5.5000	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
UT	-90%										
N-S7-O UT	2yr-12hr -10%	0.00	6.23	0.0000	376.91	0.00	0	0.0000	0.0000	2.1668	0.0000
N-S7-O UT	2yr-12hr -90%	0.00	6.23	0.0000	390.08	0.00	0	0.0000	0.0000	12.1734	0.0000
N-S7-O UT	2yr-1hr -10%	0.00	6.23	0.0000	200.66	0.00	0	0.0000	0.0000	1.1832	0.0000
N-S7-O UT	2yr-1hr -90%	0.00	6.23	0.0000	223.75	0.00	0	0.0000	0.0000	1.5660	0.0000
N-S7-O UT	2yr-24hr -10%	0.00	6.23	0.0000	313.80	0.00	0	0.0000	0.0000	2.5778	0.0000
N-S7-O UT	2yr-24hr -90%	0.00	6.23	0.0000	418.11	0.00	0	0.0000	0.0000	24.1514	0.0000
N-S7-O UT	2yr-6hr -10%	0.00	6.23	0.0000	406.86	0.00	0	0.0000	0.0000	1.7667	0.0000
N-S7-O UT	2yr-6hr -90%	0.00	6.23	0.0000	385.29	0.00	0	0.0000	0.0000	6.1967	0.0000
N-S7-O UT	50-12hr -10%	0.00	6.23	0.0000	1319.50	0.00	0	0.0000	0.0000	1.2498	0.0000
N-S7-O UT	50-12hr -90%	0.00	6.23	0.0000	570.20	0.00	0	0.0000	0.0000	10.2500	0.0000
N-S7-O UT	50-1hr -10%	0.00	6.23	0.0000	605.05	0.00	0	0.0000	0.0000	1.1165	0.0000
N-S7-O UT	50-1hr -90%	0.00	6.23	0.0000	697.21	0.00	0	0.0000	0.0000	1.5333	0.0000
N-S7-O UT	50-24hr -10%	0.00	6.23	0.0000	1242.93	0.00	0	0.0000	0.0000	1.5000	0.0000
N-S7-O UT	50-24hr -90%	0.00	6.23	0.0000	466.92	0.00	0	0.0000	0.0000	21.0000	0.0000
N-S7-O UT	50-6hr -10%	0.00	6.23	0.0000	1354.46	0.00	0	0.0000	0.0000	1.1516	0.0000
N-S7-O UT	50-6hr -90%	0.00	6.23	0.0000	746.04	0.00	0	0.0000	0.0000	5.1667	0.0000
N-S7-O UT	5yr-12hr -10%	0.00	6.23	0.0000	636.09	0.00	0	0.0000	0.0000	2.0001	0.0000
N-S7-O UT	5yr-12hr -90%	0.00	6.23	0.0000	588.11	0.00	0	0.0000	0.0000	12.0000	0.0000
N-S7-O UT	5yr-1hr -10%	0.00	6.23	0.0000	298.31	0.00	0	0.0000	0.0000	1.1555	0.0000
N-S7-O UT	5yr-1hr -90%	0.00	6.23	0.0000	337.10	0.00	0	0.0000	0.0000	1.5507	0.0000
N-S7-O UT	5yr-24hr -10%	0.00	6.23	0.0000	542.74	0.00	0	0.0000	0.0000	2.2715	0.0000
N-S7-O UT	5yr-24hr -90%	0.00	6.23	0.0000	434.61	0.00	0	0.0000	0.0000	23.0000	0.0000

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S7-O UT	5yr-6hr-10%	0.00	6.23	0.0000	675.75	0.00	0	0.0000	0.0000	1.6667	0.0000
N-S7-O UT	5yr-6hr-90%	0.00	6.23	0.0000	606.29	0.00	0	0.0000	0.0000	6.1574	0.0000

Link: CH-G2

Scenario: PC
 Type: Channel
 From Node: N-OFF-G1
 To Node: N-G2-G3
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-G2	100-12hr r-10%	3011.23	0.00	0.79	12.79	4.31	1.2500	0.0000	0.7277	1.2500	0.5641
CH-G2	100-12hr r-90%	1004.93	0.00	0.09	8.57	1.50	9.7500	0.0000	4.3949	9.7500	3.9633
CH-G2	100-1hr -10%	1694.66	0.00	0.60	10.79	4.28	1.0686	0.0000	0.6884	0.9884	0.5019
CH-G2	100-1hr -90%	2189.03	0.00	0.68	11.80	4.55	1.5122	0.0000	1.2293	1.4736	1.0881
CH-G2	100-24hr r-10%	2632.13	0.00	0.71	12.33	4.22	1.2500	0.0000	0.7670	1.2500	0.5907
CH-G2	100-24hr r-90%	907.42	0.00	0.10	8.25	0.84	20.5000	0.0000	16.9410	20.5000	15.4679
CH-G2	100-6hr -10%	3046.60	0.00	0.86	12.93	4.38	1.1667	0.0000	0.7135	1.1667	0.5581
CH-G2	100-6hr -90%	1455.19	0.00	0.18	9.89	1.94	5.0000	0.0000	3.5969	5.0000	2.3636
CH-G2	10yr-12hr-10%	1763.75	0.00	0.48	10.64	3.73	1.7500	0.0000	0.9739	1.6911	0.7033
CH-G2	10yr-12hr-90%	1048.77	0.00	0.12	8.75	1.41	11.2500	0.0000	8.8205	11.2500	5.0933
CH-G2	10yr-1hr	995.05	0.00	-0.35	9.06	3.82	1.0645	0.0000	0.3055	1.0565	0.5749

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	-10%										
CH-G2	10yr-1hr-90%	1317.31	0.00	0.54	9.98	4.23	1.4758	0.0000	1.3423	1.4800	1.1493
CH-G2	10yr-24hr-10%	1540.79	0.00	0.42	10.14	3.58	2.0000	0.0000	1.0636	1.8432	0.7595
CH-G2	10yr-24hr-90%	919.00	0.00	0.10	8.32	0.90	22.5000	0.0000	19.4472	22.5000	18.2098
CH-G2	10yr-6hr-10%	1916.16	0.00	0.48	11.00	3.86	1.6400	0.0000	0.9278	1.5014	0.6726
CH-G2	10yr-6hr-90%	1448.47	0.00	0.19	9.78	1.74	6.0000	0.0000	4.4164	6.0000	3.0994
CH-G2	25yr-12hr-10%	2285.72	0.00	0.61	11.63	3.97	1.5000	0.0000	0.8546	1.5000	0.6466
CH-G2	25yr-12hr-90%	1116.87	0.00	0.11	8.88	1.48	10.7500	0.0000	7.9229	10.7500	4.5594
CH-G2	25yr-1hr-10%	1283.77	0.00	0.45	9.86	4.01	1.0422	0.0000	0.7783	1.0171	0.5503
CH-G2	25yr-1hr-90%	1690.93	0.00	0.70	10.87	4.38	1.4691	0.0000	1.2800	1.4516	1.1175
CH-G2	25yr-24hr-10%	1952.31	0.00	0.44	11.13	3.86	1.5000	0.0000	0.9284	1.5000	0.6672
CH-G2	25yr-24hr-90%	955.73	0.00	0.10	8.39	0.88	21.7500	0.0000	18.4438	21.7500	17.2252
CH-G2	25yr-6hr-10%	2527.20	0.00	0.67	11.95	4.09	1.5000	0.0000	0.8177	1.4291	0.6272
CH-G2	25yr-6hr-90%	1446.34	0.00	0.19	9.85	1.82	5.5000	0.0000	4.0627	5.5000	2.7612
CH-G2	2yr-12hr-10%	847.09	0.00	0.21	8.46	3.14	1.9474	0.0000	1.3805	1.8378	0.8968
CH-G2	2yr-12hr-90%	808.41	0.00	0.13	8.10	1.04	12.3172	0.0000	10.4228	12.2845	6.6988
CH-G2	2yr-1hr-10%	538.07	0.00	-0.31	7.26	3.33	1.1533	0.0000	1.6615	1.0475	0.6549
CH-G2	2yr-1hr-90%	697.52	0.00	-0.37	7.99	3.82	1.5567	0.0000	1.8922	1.4552	1.2192
CH-G2	2yr-24hr-10%	695.28	0.00	0.15	7.87	2.93	2.2922	0.0000	1.5891	2.1031	0.9987
CH-G2	2yr-24hr-90%	846.11	0.00	0.11	8.12	0.95	24.3092	0.0000	21.5556	24.2789	20.4968
CH-G2	2yr-6hr-10%	962.22	0.00	0.28	8.89	3.33	1.6284	0.0000	1.2278	1.5697	0.8323
CH-G2	2yr-6hr-90%	849.93	0.00	0.18	8.35	1.66	6.2772	0.0000	5.2156	6.2195	3.9198
CH-G2	50-12hr-10%	2464.73	0.00	0.66	12.09	4.16	1.2500	0.0000	0.7832	1.2500	0.5981

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-G2	50-12hr-90%	1072.56	0.00	0.09	8.76	1.51	10.2500	0.0000	7.2596	10.2500	4.2381
CH-G2	50-1hr-10%	1493.12	0.00	0.53	10.37	4.16	1.0436	0.0000	0.7284	0.9785	0.5237
CH-G2	50-1hr-90%	1944.76	0.00	0.84	11.38	4.48	1.4901	0.0000	1.2452	1.4548	1.1084
CH-G2	50-24hr-10%	2460.94	0.00	0.61	11.87	4.05	1.5000	0.0000	0.8336	1.5000	0.6360
CH-G2	50-24hr-90%	891.15	0.00	0.10	8.23	0.85	21.0000	0.0000	17.7125	21.0000	16.0257
CH-G2	50-6hr-10%	2544.11	0.00	0.74	12.27	4.24	1.1667	0.0000	0.7605	1.1667	0.5913
CH-G2	50-6hr-90%	1387.94	0.00	0.19	9.76	1.88	5.1667	0.0000	3.8170	5.1667	2.5462
CH-G2	5yr-12hr-10%	1346.67	0.00	0.36	9.78	3.50	1.9677	0.0000	1.1051	1.7649	0.7838
CH-G2	5yr-12hr-90%	1121.09	0.00	0.13	8.89	1.29	12.0000	0.0000	9.4968	11.9999	5.6439
CH-G2	5yr-1hr-10%	795.46	0.00	-0.32	8.37	3.63	1.0877	0.0000	0.3298	1.0966	0.6098
CH-G2	5yr-1hr-90%	1051.66	0.00	0.39	9.21	4.07	1.4928	0.0000	1.4048	1.5086	1.1823
CH-G2	5yr-24hr-10%	1142.59	0.00	0.30	9.24	3.32	2.2225	0.0000	1.2273	1.9051	0.8275
CH-G2	5yr-24hr-90%	835.43	0.00	0.11	8.11	0.92	23.0000	0.0000	20.3342	23.0000	19.1908
CH-G2	5yr-6hr-10%	1481.26	0.00	0.43	10.19	3.67	1.6537	0.0000	1.0174	1.5125	0.7361
CH-G2	5yr-6hr-90%	1243.10	0.00	0.18	9.32	1.69	6.3014	0.0000	4.7344	6.2527	3.4108

Link: CH-S1
 Scenario: PC
 Type: Channel
 From Node: N-OFF-S1
 To Node: N-S1
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S1	100-12h r-10%	2858.74	0.00	21.62	11.75	17.06	1.2294	0.0000	0.3125	1.2302	1.0192
CH-S1	100-12h r-90%	894.03	0.00	2.00	8.79	9.57	9.7500	0.0000	4.3564	9.7500	9.7500
CH-S1	100-1hr -10%	1595.21	0.00	21.59	10.20	13.70	0.7043	0.0000	0.2653	0.7045	0.6905
CH-S1	100-1hr -90%	2504.39	0.00	21.84	11.39	16.42	1.2634	0.0000	0.8273	1.2635	1.2659
CH-S1	100-24h r-10%	2575.74	0.00	21.76	11.46	15.90	1.2500	0.0000	0.3351	1.2500	0.9486
CH-S1	100-24h r-90%	765.91	0.00	0.09	8.43	9.20	20.5000	0.0000	16.9277	20.5000	20.5000
CH-S1	100-6hr -10%	3056.14	0.00	21.62	11.94	17.76	1.1238	0.0000	0.3104	1.1243	1.0744
CH-S1	100-6hr -90%	1424.20	0.00	8.47	9.91	10.63	5.0000	0.0000	2.1993	5.0000	5.0000
CH-S1	10yr-12 hr-10%	1436.77	0.00	22.02	9.93	12.27	1.3884	0.0000	0.4308	1.3894	0.9196
CH-S1	10yr-12 hr-90%	921.43	0.00	0.10	8.86	9.59	11.2500	0.0000	8.8205	11.2500	11.2500
CH-S1	10yr-1hr -10%	920.70	0.00	21.74	8.86	11.60	0.7619	0.0000	0.3221	0.7621	0.3220
CH-S1	10yr-1hr -90%	1495.71	0.00	21.84	10.03	13.36	1.2737	0.0000	0.9003	1.2738	1.2750
CH-S1	10yr-24 hr-10%	1214.83	0.00	22.10	9.52	11.69	1.6380	0.0000	0.4763	1.6414	0.4762
CH-S1	10yr-24 hr-90%	781.20	0.00	0.08	8.48	9.24	22.4999	0.0000	19.8415	22.4999	22.4999
CH-S1	10yr-6hr -10%	1627.52	0.00	22.00	10.25	13.06	1.2089	0.0000	0.4104	1.2094	0.9140
CH-S1	10yr-6hr -90%	1255.32	0.00	5.17	9.60	10.12	6.0000	0.0000	2.9593	6.0000	6.0000
CH-S1	25yr-12 hr-10%	1952.72	0.00	21.92	10.72	13.95	1.3072	0.0000	0.3730	1.3078	0.9097
CH-S1	25yr-12 hr-90%	984.91	0.00	0.45	9.01	9.74	10.7500	0.0000	5.0213	10.7500	10.7500
CH-S1	25yr-1hr -10%	1180.75	0.00	21.60	9.45	12.30	0.7324	0.0000	0.2949	0.7325	0.6971
CH-S1	25yr-1hr -90%	1891.69	0.00	21.84	10.64	14.68	1.2693	0.0000	0.8680	1.2695	1.2721
CH-S1	25yr-24 hr-10%	1701.80	0.00	21.90	10.36	12.83	1.3469	0.0000	0.4060	1.3479	0.8937
CH-S1	25yr-24 hr-90%	801.88	0.00	0.09	8.54	9.25	21.7499	0.0000	18.3625	21.7499	21.7499
CH-S1	25yr-6hr -10%	2159.08	0.00	21.81	10.99	14.98	1.1711	0.0000	0.3622	1.1717	0.9400

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	-10%										
CH-S1	25yr-6hr -90%	1354.96	0.00	6.36	9.78	10.43	5.5000	0.0000	2.6133	5.5000	5.5000
CH-S1	2yr-12hr -10%	679.86	0.00	22.65	8.17	14.08	1.5693	0.0000	0.6181	1.5709	0.6212
CH-S1	2yr-12hr -90%	663.30	0.00	0.10	8.11	8.92	12.1084	0.0000	10.4228	12.1092	12.0557
CH-S1	2yr-1hr -10%	527.47	0.00	22.06	7.62	11.66	0.8653	0.0000	0.3967	0.8658	0.3965
CH-S1	2yr-1hr -90%	868.44	0.00	21.99	8.72	11.65	1.2863	0.0000	0.9706	1.2864	0.9705
CH-S1	2yr-24hr -10%	549.01	0.00	22.77	7.70	14.10	1.7690	0.0000	0.7078	1.7699	0.7120
CH-S1	2yr-24hr -90%	684.45	0.00	0.09	8.18	8.97	24.0941	0.0000	21.8375	24.0947	24.0358
CH-S1	2yr-6hr -10%	812.42	0.00	22.48	8.57	11.74	1.3108	0.0000	0.5562	1.3117	0.5561
CH-S1	2yr-6hr -90%	697.37	0.00	4.46	8.22	9.00	6.0919	0.0000	3.7764	6.0927	6.0079
CH-S1	50-12hr -10%	2393.84	0.00	21.83	11.26	15.51	1.2500	0.0000	0.3393	1.2500	0.9429
CH-S1	50-12hr -90%	951.96	0.00	1.23	8.93	9.69	10.2500	0.0000	4.6548	10.2500	10.2500
CH-S1	50-1hr -10%	1384.87	0.00	21.62	9.84	12.94	0.7171	0.0000	0.2789	0.7172	0.6886
CH-S1	50-1hr -90%	2195.76	0.00	21.84	11.03	15.58	1.2669	0.0000	0.8466	1.2671	1.2669
CH-S1	50-24hr -10%	2108.05	0.00	21.91	10.92	14.31	1.3023	0.0000	0.3678	1.3029	0.9088
CH-S1	50-24hr -90%	756.03	0.00	0.08	8.40	9.19	21.0000	0.0000	17.8230	21.0000	21.0000
CH-S1	50-6hr -10%	2595.84	0.00	21.65	11.48	16.42	1.1462	0.0000	0.3338	1.1466	0.9866
CH-S1	50-6hr -90%	1347.49	0.00	7.41	9.77	10.50	5.1667	0.0000	2.3913	5.1667	5.1667
CH-S1	5yr-12hr -10%	1086.74	0.00	22.24	9.25	11.71	1.4537	0.0000	0.4924	1.4542	0.4922
CH-S1	5yr-12hr -90%	958.49	0.00	0.10	8.95	9.62	12.0000	0.0000	9.4536	12.0000	12.0000
CH-S1	5yr-1hr -10%	742.64	0.00	21.89	8.36	11.61	0.7969	0.0000	0.3483	0.7970	0.3481
CH-S1	5yr-1hr -90%	1217.06	0.00	21.97	9.52	12.41	1.2784	0.0000	0.9276	1.2785	1.2822
CH-S1	5yr-24hr -10%	903.79	0.00	22.39	8.81	11.75	1.6947	0.0000	0.5511	1.6963	0.5510

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S1	5yr-24hr-90%	716.34	0.00	0.09	8.28	9.09	23.0000	0.0000	20.3342	23.0000	23.0000
CH-S1	5yr-6hr-10%	1259.05	0.00	22.12	9.60	12.05	1.2439	0.0000	0.4593	1.2444	0.9465
CH-S1	5yr-6hr-90%	1016.13	0.00	4.59	9.09	9.69	6.0836	0.0000	3.2713	6.0843	6.0053

Link: CH-S6
 Scenario: PC
 Type: Channel
 From Node: N-S1
 To Node: N-S6-OUT
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S6	100-12hr-10%	3180.90	0.00	2.58	13.18	37.65	1.2498	0.0000	0.4399	1.2498	1.2498
CH-S6	100-12hr-90%	958.66	0.00	2.50	10.26	12.62	9.7500	0.0000	6.2393	9.7500	9.7500
CH-S6	100-1hr-10%	1694.17	0.00	2.62	11.57	20.05	0.8432	0.0000	0.3858	0.8483	0.8432
CH-S6	100-1hr-90%	2526.01	0.00	2.58	12.57	29.90	1.3331	0.0000	0.9547	1.3377	1.3331
CH-S6	100-24hr-10%	2843.36	0.00	2.57	12.88	33.66	1.2500	0.0000	0.4681	1.2500	1.2500
CH-S6	100-24hr-90%	828.00	0.00	2.51	9.94	11.90	20.5000	0.0000	17.0905	20.5000	20.5000
CH-S6	100-6hr-10%	3392.15	0.00	2.58	13.35	40.15	1.1666	0.0000	0.4351	1.1666	1.1666
CH-S6	100-6hr-90%	1513.21	0.00	2.51	11.30	17.91	5.0000	0.0000	2.9559	5.0000	5.0000
CH-S6	10yr-12hr-10%	1598.34	0.00	2.77	11.43	18.92	1.4770	0.0000	0.5966	1.4954	1.4770
CH-S6	10yr-12hr-90%	993.16	0.00	2.52	10.34	12.80	11.2500	0.0000	8.5095	11.2500	11.2498

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	hr-90%										
CH-S6	10yr-1hr-10%	978.73	0.00	2.78	10.31	12.72	0.9271	0.0000	0.4707	0.9296	0.9271
CH-S6	10yr-1hr-90%	1449.04	0.00	2.58	11.20	17.15	1.3649	0.0000	1.0321	1.3677	1.3649
CH-S6	10yr-24hr-10%	1357.30	0.00	2.67	11.04	16.07	1.6955	0.0000	0.6534	1.7017	1.6955
CH-S6	10yr-24hr-90%	843.95	0.00	2.52	9.98	11.99	22.4999	0.0000	19.3112	22.4999	22.4997
CH-S6	10yr-6hr-10%	1797.13	0.00	2.57	11.71	21.27	1.3068	0.0000	0.5654	1.3096	1.3068
CH-S6	10yr-6hr-90%	1373.16	0.00	2.51	11.07	16.25	6.0000	0.0000	3.8185	6.0000	6.0000
CH-S6	25yr-12hr-10%	2174.86	0.00	2.56	12.18	25.74	1.3945	0.0000	0.5198	1.4106	1.3945
CH-S6	25yr-12hr-90%	1060.04	0.00	2.52	10.48	13.14	10.7500	0.0000	7.6949	10.7500	10.7500
CH-S6	25yr-1hr-10%	1253.64	0.00	2.68	10.86	14.84	0.8902	0.0000	0.4293	0.8927	0.8902
CH-S6	25yr-1hr-90%	1867.89	0.00	2.58	11.81	22.11	1.3518	0.0000	0.9972	1.3529	1.3518
CH-S6	25yr-24hr-10%	1895.33	0.00	2.59	11.84	22.44	1.4780	0.0000	0.5607	1.4780	1.4780
CH-S6	25yr-24hr-90%	871.05	0.00	2.55	10.05	12.14	21.7499	0.0000	18.3889	21.7499	21.7496
CH-S6	25yr-6hr-10%	2391.12	0.00	2.62	12.43	28.30	1.2560	0.0000	0.5026	1.2587	1.2560
CH-S6	25yr-6hr-90%	1455.25	0.00	2.52	11.21	17.23	5.5000	0.0000	3.4510	5.5000	5.5000
CH-S6	2yr-12hr-10%	753.98	0.00	2.61	9.75	11.46	1.7132	0.0000	0.8491	1.7183	1.7203
CH-S6	2yr-12hr-90%	724.84	0.00	-2.51	9.66	11.28	12.1565	0.0000	12.7022	12.1680	12.1565
CH-S6	2yr-1hr-10%	557.01	0.00	2.64	9.13	10.16	0.9997	0.0000	0.5941	1.0047	1.0037
CH-S6	2yr-1hr-90%	806.08	0.00	-2.81	9.89	11.77	1.3933	0.0000	1.8533	1.3967	1.3942
CH-S6	2yr-24hr-10%	608.17	0.00	2.57	9.30	10.52	1.8959	0.0000	0.9810	1.9302	1.9302
CH-S6	2yr-24hr-90%	748.85	0.00	2.53	9.73	11.43	24.1518	0.0000	21.3253	24.1548	24.1535
CH-S6	2yr-6hr-10%	890.13	0.00	2.64	10.10	12.25	1.4355	0.0000	0.7584	1.4471	1.4388
CH-S6	2yr-6hr-90%	763.87	0.00	2.53	9.77	11.52	6.1499	0.0000	4.6159	6.1530	6.1499

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S6	50-12hr -10%	2650.45	0.00	2.56	12.69	31.37	1.2500	0.0000	0.4752	1.2500	1.2500
CH-S6	50-12hr -90%	1022.27	0.00	2.51	10.40	12.95	10.2500	0.0000	6.9769	10.2500	10.2498
CH-S6	50-1hr-10%	1470.12	0.00	2.73	11.23	17.40	0.8654	0.0000	0.4056	0.8785	0.8654
CH-S6	50-1hr-90%	2193.43	0.00	2.58	12.21	25.96	1.3437	0.0000	0.9748	1.3461	1.3437
CH-S6	50-24hr -10%	2345.43	0.00	2.57	12.38	27.76	1.3961	0.0000	0.5107	1.4147	1.3961
CH-S6	50-24hr -90%	815.67	0.00	2.53	9.91	11.83	21.0000	0.0000	17.7457	21.0000	20.9997
CH-S6	50-6hr-10%	2868.85	0.00	2.57	12.90	33.96	1.1666	0.0000	0.4655	1.1666	1.1666
CH-S6	50-6hr-90%	1433.90	0.00	2.52	11.17	16.97	5.1667	0.0000	3.1937	5.1667	5.1667
CH-S6	5yr-12hr -10%	1206.95	0.00	2.67	10.77	14.29	1.5674	0.0000	0.6784	1.5724	1.5674
CH-S6	5yr-12hr -90%	1039.83	0.00	2.51	10.44	13.03	12.0000	0.0000	9.1084	12.0000	12.0000
CH-S6	5yr-1hr-10%	789.38	0.00	2.67	9.84	11.68	0.9558	0.0000	0.5120	0.9586	0.9558
CH-S6	5yr-1hr-90%	1159.79	0.00	2.57	10.68	13.73	1.3766	0.0000	1.0630	1.3785	1.3766
CH-S6	5yr-24hr -10%	1005.83	0.00	2.73	10.37	12.86	1.7759	0.0000	0.7547	1.7808	1.7759
CH-S6	5yr-24hr -90%	772.40	0.00	2.53	9.80	11.57	23.0000	0.0000	20.1117	23.0000	23.0000
CH-S6	5yr-6hr-10%	1386.31	0.00	2.67	11.09	16.41	1.3433	0.0000	0.6296	1.3580	1.3433
CH-S6	5yr-6hr-90%	1118.96	0.00	2.54	10.60	13.42	6.1279	0.0000	4.1267	6.1362	6.1383

Link: CH-S7A
 Scenario: PC
 Type: Channel
 From Node: N-S7-A
 To Node: N-S7-OUT
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A	100-12h r-10%	520.03	0.00	53.30	9.84	13.56	1.2500	0.0000	1.0531	1.2500	1.0719
CH-S7A	100-12h r-90%	157.63	0.00	0.06	5.41	9.09	9.7500	0.0000	0.1430	9.7500	9.7500
CH-S7A	100-1hr -10%	195.86	0.00	-0.09	5.85	9.65	1.1109	0.0000	1.3059	1.1239	1.1239
CH-S7A	100-1hr -90%	224.55	0.00	0.09	6.17	10.08	1.5634	0.0000	1.3424	1.5648	1.5648
CH-S7A	100-24h r-10%	484.64	0.00	53.31	9.62	13.52	1.2332	0.0000	1.1704	1.2332	1.2334
CH-S7A	100-24h r-90%	141.30	0.00	0.06	5.23	8.85	20.4999	0.0000	0.1430	20.4999	20.4999
CH-S7A	100-6hr -10%	533.85	0.00	53.30	9.91	11.91	1.1666	0.0000	0.9919	1.1666	0.9919
CH-S7A	100-6hr -90%	235.94	0.00	0.09	6.29	10.23	5.0000	0.0000	4.7278	5.0000	5.0000
CH-S7A	10yr-12 hr-10%	251.81	0.00	0.09	6.44	10.44	1.7499	0.0000	1.3157	1.7499	1.7499
CH-S7A	10yr-12 hr-90%	162.72	0.00	0.06	5.46	9.16	11.2500	0.0000	0.1430	11.2500	11.2500
CH-S7A	10yr-1hr -10%	94.80	0.00	0.05	4.60	8.01	1.2080	0.0000	0.5226	1.2168	1.2168
CH-S7A	10yr-1hr -90%	101.27	0.00	0.06	4.70	8.15	1.6504	0.0000	0.1430	1.6567	1.6567
CH-S7A	10yr-24 hr-10%	219.43	0.00	0.09	6.11	10.00	1.9998	0.0000	1.5661	1.9998	1.9998
CH-S7A	10yr-24 hr-90%	141.88	0.00	0.06	5.23	8.86	22.4998	0.0000	0.1430	22.4998	22.4998
CH-S7A	10yr-6hr -10%	266.23	0.00	0.09	6.58	10.63	1.6215	0.0000	1.1650	1.6378	1.6378
CH-S7A	10yr-6hr -90%	226.66	0.00	0.09	6.19	10.11	6.0000	0.0000	5.6361	6.0000	6.0000
CH-S7A	25yr-12 hr-10%	344.36	0.00	0.10	7.27	11.51	1.4999	0.0000	1.0321	1.4999	1.4999
CH-S7A	25yr-12 hr-90%	176.56	0.00	0.06	5.62	9.36	10.7500	0.0000	0.1430	10.7500	10.7500
CH-S7A	25yr-1hr -10%	131.75	0.00	0.05	5.11	8.70	1.1741	0.0000	0.4188	1.1762	1.1779
CH-S7A	25yr-1hr -90%	145.44	0.00	0.06	5.28	8.92	1.6077	0.0000	0.1430	1.6166	1.6179
CH-S7A	25yr-24 hr-10%	283.80	0.00	0.09	6.75	10.84	1.4999	0.0000	1.1586	1.4999	1.4999
CH-S7A	25yr-24 hr-90%	149.08	0.00	0.06	5.32	8.97	21.7500	0.0000	0.1430	21.7500	21.7500

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A	25yr-6hr -10%	376.10	0.00	0.09	7.53	11.85	1.4996	0.0000	0.9489	1.4996	1.4996
CH-S7A	25yr-6hr -90%	230.86	0.00	0.09	6.23	10.16	5.4999	0.0000	5.2103	5.4999	5.4999
CH-S7A	2yr-12hr -10%	104.45	0.00	0.06	4.75	8.21	2.3210	0.0000	0.1430	2.3405	2.3405
CH-S7A	2yr-12hr -90%	111.21	0.00	0.06	4.85	8.35	12.1708	0.0000	0.1430	12.1856	12.1856
CH-S7A	2yr-1hr -10%	46.34	0.00	0.05	3.62	6.61	1.1925	0.0000	0.1036	1.1970	1.1970
CH-S7A	2yr-1hr -90%	44.36	0.00	0.06	3.57	6.52	1.7084	0.0000	0.1430	1.7120	1.7120
CH-S7A	2yr-24hr -10%	87.63	0.00	0.06	4.49	7.85	2.7438	0.0000	0.1430	2.7511	2.7511
CH-S7A	2yr-24hr -90%	121.94	0.00	0.06	4.99	8.54	24.1492	0.0000	0.1430	24.1650	24.1668
CH-S7A	2yr-6hr -10%	108.92	0.00	0.06	4.81	8.30	1.8951	0.0000	0.1430	1.8985	1.8985
CH-S7A	2yr-6hr -90%	104.94	0.00	0.06	4.76	8.22	6.2235	0.0000	0.1430	6.2261	6.2261
CH-S7A	50-12hr -10%	452.65	0.00	53.30	8.99	13.02	1.2486	0.0000	1.2465	1.2488	1.2487
CH-S7A	50-12hr -90%	168.94	0.00	0.06	5.53	9.24	10.2500	0.0000	0.1430	10.2500	10.2500
CH-S7A	50-1hr -10%	162.23	0.00	0.05	5.46	9.15	1.1412	0.0000	0.3807	1.1523	1.1538
CH-S7A	50-1hr -90%	183.29	0.00	-0.09	5.70	9.45	1.5880	0.0000	1.6596	1.5895	1.5895
CH-S7A	50-24hr -10%	381.53	0.00	0.09	7.57	11.91	1.5000	0.0000	0.9904	1.5000	1.5000
CH-S7A	50-24hr -90%	138.10	0.00	0.06	5.19	8.80	20.9999	0.0000	0.1430	20.9999	20.9999
CH-S7A	50-6hr -10%	477.65	0.00	53.31	9.48	13.41	1.1516	0.0000	1.1393	1.1516	1.1516
CH-S7A	50-6hr -90%	221.41	0.00	0.09	6.13	10.03	5.1667	0.0000	4.9522	5.1667	5.1667
CH-S7A	5yr-12hr -10%	184.39	0.00	0.09	5.72	9.47	2.0766	0.0000	1.8362	2.0803	2.0803
CH-S7A	5yr-12hr -90%	174.81	0.00	0.06	5.60	9.33	12.0000	0.0000	0.1430	12.0000	12.0000
CH-S7A	5yr-1hr -10%	71.23	0.00	0.05	4.19	7.43	1.2226	0.0000	0.0986	1.2259	1.2259
CH-S7A	5yr-1hr -90%	73.53	0.00	0.06	4.24	7.49	1.6716	0.0000	0.1430	1.6810	1.6810
CH-S7A	5yr-24hr	156.72	0.00	0.06	5.40	9.08	2.3759	0.0000	0.1430	2.4159	2.4213

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A	5yr-24hr -90%	127.05	0.00	0.06	5.06	8.63	23.0000	0.0000	0.1430	23.0000	23.0000
CH-S7A	5yr-6hr -10%	192.97	0.00	-0.09	5.82	9.61	1.7301	0.0000	1.9882	1.7329	1.7329
CH-S7A	5yr-6hr -90%	177.30	0.00	0.06	5.63	9.37	6.1611	0.0000	0.1430	6.1632	6.1632

Link: CH-S7A1

Scenario: PC
 Type: Channel
 From Node: N-S2-DS
 To Node: N-S3-DS
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A 1	100-12hr -10%	5750.75	-155.12	-5750.75	70.70	90.58	0.7901	0.7902	0.7902	0.8080	0.7901
CH-S7A 1	100-12hr -90%	128.48	-112.73	1.84	2.63	-6.56	9.7500	0.0000	0.0161	9.7500	0.0001
CH-S7A 1	100-1hr -10%	170.78	-112.73	-5.12	3.45	-6.56	0.8505	0.0000	1.1774	0.6682	0.0001
CH-S7A 1	100-1hr -90%	14442.58	-233.24	-14442.58	238.75	140.45	1.2357	1.2357	1.2357	1.2357	1.2357
CH-S7A 1	100-24hr -10%	9109.95	-187.77	-9109.95	149.62	88.20	0.8372	0.8373	0.8372	0.8372	0.8372
CH-S7A 1	100-24hr -90%	111.99	-112.73	1.84	2.47	-6.56	20.5000	0.0000	0.0161	20.5000	0.0001
CH-S7A 1	100-6hr -10%	7086.02	-174.85	-7086.02	116.83	96.18	0.7318	0.7355	0.7318	0.7318	0.7355
CH-S7A 1	100-6hr -90%	5143.11	-161.51	-5143.11	49.41	86.05	4.9474	4.9474	4.9474	4.9474	4.9474
CH-S7A 1	10yr-12hr-10%	5054.40	-153.09	-5054.40	60.94	83.24	1.5586	1.5587	1.5587	1.4684	1.5586

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A 1	10yr-12hr-90%	131.33	-112.73	1.84	2.65	-6.56	11.2500	0.0000	0.0161	11.2500	0.0001
CH-S7A 1	10yr-1hr-10%	89.13	-112.73	1.84	2.57	-6.56	0.9337	0.0000	0.0161	0.7343	0.0001
CH-S7A 1	10yr-1hr-90%	142.05	-112.73	1.84	3.72	-6.56	1.2843	0.0000	0.0161	1.2337	0.0001
CH-S7A 1	10yr-24hr-10%	159.92	-112.73	-4.33	2.92	-6.56	1.8423	0.0000	1.9927	1.1835	0.0001
CH-S7A 1	10yr-24hr-90%	112.73	-112.73	1.84	2.48	-6.56	22.4999	0.0000	0.0161	22.4999	0.0001
CH-S7A 1	10yr-6hr-10%	5124.24	-175.66	-5124.24	70.38	79.23	1.3808	1.3110	1.3808	1.3889	1.6030
CH-S7A 1	10yr-6hr-90%	301.86	-112.73	-242.96	5.05	-6.56	5.9947	0.0000	5.9929	5.9947	0.0001
CH-S7A 1	25yr-12hr-10%	4652.82	-147.67	-4652.82	68.21	73.12	1.0725	1.0259	1.0726	1.1003	1.0725
CH-S7A 1	25yr-12hr-90%	142.16	-112.73	1.84	2.73	-6.56	10.7500	0.0000	0.0161	10.7500	0.0001
CH-S7A 1	25yr-1hr-10%	120.02	-112.73	1.84	2.93	-6.56	0.9006	0.0000	0.0161	0.6843	0.0001
CH-S7A 1	25yr-1hr-90%	242.36	-112.73	9.90	5.09	-6.56	1.2468	0.0000	1.2463	1.2468	0.0001
CH-S7A 1	25yr-24hr-10%	9623.96	-222.12	-9623.96	93.54	168.24	1.1783	1.1784	1.1784	1.1783	1.1783
CH-S7A 1	25yr-24hr-90%	117.13	-112.73	1.84	2.51	-6.56	21.7500	0.0000	0.0161	21.7500	0.0001
CH-S7A 1	25yr-6hr-10%	4719.01	-143.47	-4719.01	60.06	73.89	0.9742	0.9337	0.9742	0.9785	0.9491
CH-S7A 1	25yr-6hr-90%	3696.17	-131.62	-3696.18	41.24	61.25	5.4900	5.4900	5.4900	5.4578	5.4900
CH-S7A 1	2yr-12hr-10%	77.13	-112.73	1.84	2.29	-6.56	1.8518	0.0000	0.0161	1.3018	0.0001
CH-S7A 1	2yr-12hr-90%	89.05	-112.73	1.84	2.26	-6.56	12.1171	0.0000	0.0161	12.0841	0.0001
CH-S7A 1	2yr-1hr-10%	44.04	-112.73	1.84	-2.07	-6.56	0.9720	0.0000	0.0161	0.0001	0.0001
CH-S7A 1	2yr-1hr-90%	67.62	-112.73	1.84	2.83	-6.56	1.3011	0.0000	0.0161	1.2538	0.0001
CH-S7A 1	2yr-24hr-10%	62.94	-112.73	1.84	-2.07	-6.56	2.2338	0.0000	0.0161	0.0001	0.0001
CH-S7A 1	2yr-24hr-90%	95.76	-112.73	1.84	2.32	-6.56	24.1004	0.0000	0.0161	24.0509	0.0001
CH-S7A 1	2yr-6hr-10%	87.75	-112.73	1.84	2.52	-6.56	1.4677	0.0000	0.0161	1.1486	0.0001
CH-S7A 1	2yr-6hr-90%	87.58	-112.73	1.84	2.27	-6.56	6.1014	0.0000	0.0161	6.0346	0.0001

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
1	90%										
CH-S7A 1	50-12hr-10%	6515.11	-184.92	-6515.11	77.28	108.45	0.8799	0.8800	0.8800	0.9239	0.8799
CH-S7A 1	50-12hr-90%	137.26	-112.73	1.84	2.70	-6.56	10.2499	0.0000	0.0161	10.2499	0.0001
CH-S7A 1	50-1hr-10%	144.79	-112.73	1.84	3.18	-6.56	0.8837	0.0000	0.0161	0.6515	0.0001
CH-S7A 1	50-1hr-90%	394.67	-112.73	-361.91	6.58	-6.56	1.3649	0.0000	1.3649	1.3649	0.0001
CH-S7A 1	50-24hr-10%	5153.22	-145.39	-5153.22	60.94	79.42	1.0321	1.0088	1.0321	1.0275	1.0321
CH-S7A 1	50-24hr-90%	109.81	-112.73	1.84	2.45	-6.56	20.9999	0.0000	0.0161	20.9999	0.0001
CH-S7A 1	50-6hr-10%	7472.32	-161.47	-7472.32	110.27	86.20	0.8725	0.8726	0.8726	0.8725	0.8183
CH-S7A 1	50-6hr-90%	6628.48	-162.30	-6628.49	109.61	64.47	5.1646	5.1647	5.1647	5.1646	5.1646
CH-S7A 1	5yr-12hr-10%	134.62	-112.73	1.84	2.79	-6.56	1.7004	0.0000	0.0161	1.1507	0.0001
CH-S7A 1	5yr-12hr-90%	137.92	-112.73	1.84	2.68	-6.56	12.0000	0.0000	0.0161	12.0000	0.0001
CH-S7A 1	5yr-1hr-10%	68.44	-112.73	1.84	2.29	-6.56	0.9510	0.0000	0.0161	0.8002	0.0001
CH-S7A 1	5yr-1hr-90%	107.81	-112.73	1.84	3.39	-6.56	1.2865	0.0000	0.0161	1.2353	0.0001
CH-S7A 1	5yr-24hr-10%	111.89	-112.73	1.84	2.57	-6.56	2.1704	0.0000	0.0161	1.2348	0.0001
CH-S7A 1	5yr-24hr-90%	101.64	-112.73	1.84	2.38	-6.56	23.0000	0.0000	0.0161	23.0000	0.0001
CH-S7A 1	5yr-6hr-10%	149.89	-112.73	-2.23	3.02	-6.56	1.3838	0.0000	1.8669	1.0341	0.0001
CH-S7A 1	5yr-6hr-90%	138.68	-112.73	1.84	2.69	-6.56	6.1004	0.0000	0.0161	6.0503	0.0001

Link: CH-S7A2

Scenario: PC
 Type: Channel
 From Node: N-S3-DS
 To Node: N-S5-DS
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A 2	100-12h r-10%	475.02	0.00	1.74	2.92	8.30	1.2499	0.0000	0.8201	1.2499	1.2497
CH-S7A 2	100-12h r-90%	145.58	0.00	-0.05	1.72	5.88	9.7500	0.0000	0.1430	9.7500	9.7500
CH-S7A 2	100-1hr -10%	189.10	0.00	-0.04	1.94	6.71	0.9657	0.0000	0.0629	0.9672	0.9912
CH-S7A 2	100-1hr -90%	250.44	0.00	1.82	2.20	7.78	1.3799	0.0000	1.4994	1.3802	1.3800
CH-S7A 2	100-24h r-10%	409.71	0.00	0.78	2.74	8.03	1.2500	0.0000	0.8372	1.2500	1.2500
CH-S7A 2	100-24h r-90%	128.22	0.00	-0.05	1.63	5.70	20.5000	0.0000	0.1430	20.5000	20.5000
CH-S7A 2	100-6hr -10%	499.70	0.00	0.78	2.99	8.48	1.1666	0.0000	0.7727	1.1666	1.1550
CH-S7A 2	100-6hr -90%	223.16	0.00	0.36	2.09	6.65	4.9996	0.0000	4.9689	4.9996	4.9996
CH-S7A 2	10yr-12 hr-10%	222.13	0.00	0.59	2.09	6.71	1.7404	0.0000	1.6280	1.7405	1.7143
CH-S7A 2	10yr-12 hr-90%	149.64	0.00	-0.05	1.75	5.93	11.2500	0.0000	0.1430	11.2500	11.2500
CH-S7A 2	10yr-1hr -10%	92.95	0.00	-0.04	1.41	5.49	1.0571	0.0000	0.0629	1.0645	1.0359
CH-S7A 2	10yr-1hr -90%	115.81	0.00	-0.05	1.56	6.22	1.4292	0.0000	0.1430	1.4294	1.4292
CH-S7A 2	10yr-24 hr-10%	189.80	0.00	-0.05	1.94	6.38	1.9994	0.0000	0.1430	1.9994	1.8165
CH-S7A 2	10yr-24 hr-90%	128.88	0.00	-0.05	1.63	5.70	22.4999	0.0000	0.1430	22.4999	22.4999
CH-S7A 2	10yr-6hr -10%	236.74	0.00	2.45	2.15	6.93	1.4733	0.0000	1.3109	1.4771	1.3109
CH-S7A 2	10yr-6hr -90%	205.11	0.00	-0.05	2.01	6.52	6.0000	0.0000	0.1430	6.0000	6.0000
CH-S7A 2	25yr-12 hr-10%	312.30	0.00	1.21	2.43	7.38	1.5000	0.0000	1.0733	1.5000	1.5000
CH-S7A 2	25yr-12 hr-90%	162.06	0.00	-0.05	1.81	6.07	10.7500	0.0000	0.1430	10.7500	10.7500
CH-S7A 2	25yr-1hr -10%	128.90	0.00	-0.04	1.63	6.04	1.0189	0.0000	0.0629	1.0204	1.0189
CH-S7A 2	25yr-1hr -90%	166.00	0.00	-0.05	1.83	6.92	1.4058	0.0000	0.1430	1.4059	1.4366
CH-S7A 2	25yr-24 hr-10%	264.07	0.00	0.82	2.25	7.02	1.5000	0.0000	1.1784	1.5000	1.5000
CH-S7A 2	25yr-24 hr-90%	135.04	0.00	-0.05	1.67	5.75	21.7500	0.0000	0.1430	21.7500	21.7500

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7A 2	25yr-6hr -10%	333.28	0.00	0.59	2.50	7.59	1.3918	0.0000	0.9916	1.3937	1.3274
CH-S7A 2	25yr-6hr -90%	215.26	0.00	0.31	2.06	6.60	5.4999	0.0000	5.4645	5.4999	5.4999
CH-S7A 2	2yr-12hr -10%	90.57	0.00	-0.05	1.39	5.13	2.1046	0.0000	0.1430	2.1088	1.9899
CH-S7A 2	2yr-12hr -90%	101.65	0.00	-0.05	1.47	5.61	12.1416	0.0000	0.1430	12.1435	12.2231
CH-S7A 2	2yr-1hr-10%	65.32	0.00	-0.05	1.20	4.58	0.0000	0.0000	0.0986	0.0000	0.0000
CH-S7A 2	2yr-1hr-90%	65.32	0.00	-0.05	1.20	4.76	0.0000	0.0000	0.1430	0.0000	1.4779
CH-S7A 2	2yr-24hr -10%	74.56	0.00	-0.05	1.27	4.81	2.5469	0.0000	0.1430	2.5722	2.3363
CH-S7A 2	2yr-24hr -90%	110.30	0.00	-0.05	1.52	5.73	24.1265	0.0000	0.1430	24.1296	24.2127
CH-S7A 2	2yr-6hr-10%	98.54	0.00	-0.05	1.45	5.35	1.6752	0.0000	0.1430	1.6772	1.6443
CH-S7A 2	2yr-6hr-90%	98.56	0.00	-0.05	1.45	5.58	6.1513	0.0000	0.1430	6.1530	6.2245
CH-S7A 2	50-12hr -10%	373.69	0.00	0.78	2.63	7.82	1.2500	0.0000	0.9324	1.2500	1.2500
CH-S7A 2	50-12hr -90%	155.96	0.00	-0.05	1.78	6.00	10.2499	0.0000	0.1430	10.2499	10.2499
CH-S7A 2	50-1hr-10%	158.22	0.00	-0.04	1.79	6.40	0.9876	0.0000	0.0629	0.9884	1.0017
CH-S7A 2	50-1hr-90%	207.17	0.00	-0.05	2.02	7.37	1.3906	0.0000	0.1430	1.3906	1.4287
CH-S7A 2	50-24hr -10%	344.43	0.00	0.44	2.54	7.55	1.4999	0.0000	1.0506	1.4999	1.4999
CH-S7A 2	50-24hr -90%	125.40	0.00	-0.05	1.61	5.66	20.9999	0.0000	0.1430	20.9999	20.9999
CH-S7A 2	50-6hr-10%	399.76	0.00	1.00	2.71	8.04	1.1667	0.0000	0.8648	1.1667	1.1667
CH-S7A 2	50-6hr-90%	209.15	0.00	0.57	2.03	6.52	5.1647	0.0000	5.1647	5.1647	5.1647
CH-S7A 2	5yr-12hr -10%	159.71	0.00	-0.05	1.80	6.08	1.8711	0.0000	0.1430	1.8747	1.8896
CH-S7A 2	5yr-12hr -90%	158.69	0.00	-0.05	1.79	6.04	12.0000	0.0000	0.1430	12.0000	12.0000
CH-S7A 2	5yr-1hr-10%	69.33	0.00	-0.05	1.23	5.03	1.0918	0.0000	0.0986	1.0934	1.1270
CH-S7A 2	5yr-1hr-90%	83.63	0.00	-0.05	1.34	5.62	1.4497	0.0000	0.1430	1.4499	1.4499
CH-S7A 2	5yr-24hr	134.61	0.00	-0.05	1.66	5.77	2.1786	0.0000	0.1430	2.1829	2.2174

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
2	-10%										
CH-S7A 2	5yr-24hr -90%	115.64	0.00	-0.05	1.55	5.51	23.0000	0.0000	0.1430	23.0000	23.0000
CH-S7A 2	5yr-6hr-10%	172.73	0.00	-0.05	1.86	6.31	1.5420	0.0000	0.1430	1.5433	1.4923
CH-S7A 2	5yr-6hr-90%	161.03	0.00	-0.05	1.81	6.40	6.1212	0.0000	0.1430	6.1240	6.2055

Link: CH-S7B

Scenario: PC
 Type: Channel
 From Node: N-S7-B
 To Node: N-S7-OUT
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B	100-12hr-10%	196.42	0.00	0.05	5.80	14.77	1.1690	0.0000	0.6128	1.1726	1.1726
CH-S7B	100-12hr-90%	63.00	0.00	0.03	3.72	10.74	9.7500	0.0000	8.3309	9.7500	9.7500
CH-S7B	100-1hr-10%	88.29	0.00	0.03	4.24	11.89	0.7847	0.0000	0.4079	0.7876	0.7876
CH-S7B	100-1hr-90%	159.57	0.00	0.06	5.35	13.99	1.1957	0.0000	1.0592	1.2001	1.2001
CH-S7B	100-24hr-10%	175.96	0.00	0.06	5.56	14.35	1.2046	0.0000	0.6701	1.2077	1.2077
CH-S7B	100-24hr-90%	53.72	0.00	0.03	3.49	10.22	20.4999	0.0000	18.9608	20.4999	20.4999
CH-S7B	100-6hr-10%	210.96	0.00	0.05	5.96	15.04	1.0511	0.0000	0.5873	1.0531	1.0531
CH-S7B	100-6hr-90%	102.36	0.00	0.05	4.50	12.36	5.0000	0.0000	4.9051	5.0000	5.0000
CH-S7B	10yr-12hr-10%	91.28	0.00	0.03	4.30	12.01	1.4102	0.0000	0.7104	1.4344	1.4344

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B	10yr-12hr-90%	64.33	0.00	0.03	3.75	10.81	11.2498	0.0000	9.8353	11.2498	11.2498
CH-S7B	10yr-1hr-10%	45.62	0.00	0.03	3.28	9.70	0.9038	0.0000	0.5968	0.9060	0.9060
CH-S7B	10yr-1hr-90%	74.67	0.00	-0.03	3.98	11.31	1.2387	0.0000	1.3320	1.2452	1.2452
CH-S7B	10yr-24hr-10%	77.52	0.00	0.03	4.03	11.44	1.6669	0.0000	0.8077	1.6709	1.6709
CH-S7B	10yr-24hr-90%	54.34	0.00	0.03	3.51	10.25	22.4996	0.0000	21.0547	22.4996	22.4996
CH-S7B	10yr-6hr-10%	102.59	0.00	0.05	4.50	12.37	1.1993	0.0000	1.0084	1.2165	1.2165
CH-S7B	10yr-6hr-90%	86.74	0.00	0.03	4.22	11.83	5.9998	0.0000	4.5475	5.9998	5.9998
CH-S7B	25yr-12hr-10%	128.96	0.00	0.06	4.92	13.20	1.3192	0.0000	0.8428	1.3229	1.3229
CH-S7B	25yr-12hr-90%	69.70	0.00	0.03	3.87	11.08	10.7499	0.0000	9.2068	10.7499	10.7499
CH-S7B	25yr-1hr-10%	61.85	0.00	-0.03	3.69	10.68	0.8474	0.0000	1.2882	0.8644	0.8644
CH-S7B	25yr-1hr-90%	106.51	0.00	0.05	4.57	12.51	1.2236	0.0000	1.1516	1.2244	1.2244
CH-S7B	25yr-24hr-10%	111.14	0.00	0.05	4.65	12.66	1.4989	0.0000	1.0136	1.4989	1.4989
CH-S7B	25yr-24hr-90%	56.55	0.00	0.03	3.57	10.38	21.7500	0.0000	20.1679	21.7500	21.7500
CH-S7B	25yr-6hr-10%	142.26	0.00	0.05	5.11	13.56	1.1090	0.0000	0.7535	1.1284	1.1284
CH-S7B	25yr-6hr-90%	95.75	0.00	0.05	4.38	12.16	5.5000	0.0000	5.4925	5.5000	5.4922
CH-S7B	2yr-12hr-10%	38.53	0.00	0.03	3.07	9.18	1.7800	0.0000	1.2386	1.7878	1.7878
CH-S7B	2yr-12hr-90%	43.37	0.00	0.03	3.21	9.54	12.0707	0.0000	11.2858	12.0838	12.0838
CH-S7B	2yr-1hr-10%	21.73	0.00	0.02	2.45	7.62	0.9893	0.0000	0.6380	0.9918	0.9918
CH-S7B	2yr-1hr-90%	30.93	0.00	0.03	2.81	8.53	1.2961	0.0000	1.2403	1.2975	1.3015
CH-S7B	2yr-24hr-10%	31.19	0.00	0.03	2.82	8.56	2.1414	0.0000	1.7343	2.1858	2.1858
CH-S7B	2yr-24hr-90%	46.08	0.00	-0.03	3.29	9.73	24.0711	0.0000	24.3493	24.0731	24.0731
CH-S7B	2yr-6hr-10%	44.51	0.00	0.03	3.25	9.62	1.4161	0.0000	1.0038	1.4199	1.4199
CH-S7B	2yr-6hr-90%	43.45	0.00	-0.03	3.22	9.55	6.0758	0.0000	6.3347	6.0782	6.0782

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	90%										
CH-S7B	50-12hr -10%	161.52	0.00	0.05	5.37	14.03	1.2182	0.0000	0.7026	1.2438	1.2438
CH-S7B	50-12hr -90%	67.35	0.00	0.03	3.82	10.96	10.2500	0.0000	8.7587	10.2500	10.2500
CH-S7B	50-1hr-10%	74.74	0.00	0.03	3.98	11.32	0.8117	0.0000	0.4433	0.8360	0.8360
CH-S7B	50-1hr-90%	132.37	0.00	-0.06	4.97	13.30	1.2066	0.0000	1.3509	1.2112	1.2112
CH-S7B	50-24hr -10%	140.42	0.00	0.05	5.09	13.51	1.2632	0.0000	0.7995	1.2668	1.2668
CH-S7B	50-24hr -90%	52.81	0.00	0.03	3.47	10.16	20.9996	0.0000	19.5943	20.9996	20.9996
CH-S7B	50-6hr-10%	175.59	0.00	0.06	5.55	14.35	1.0835	0.0000	0.6565	1.0854	1.0854
CH-S7B	50-6hr-90%	95.74	0.00	0.05	4.38	12.16	5.1667	0.0000	5.1611	5.1667	5.1609
CH-S7B	5yr-12hr -10%	66.42	0.00	0.03	3.80	10.92	1.5650	0.0000	0.8546	1.5701	1.5701
CH-S7B	5yr-12hr -90%	67.07	0.00	0.03	3.81	10.95	11.9997	0.0000	10.3812	11.9997	11.9997
CH-S7B	5yr-1hr-10%	34.76	0.00	-0.03	2.95	8.87	0.9345	0.0000	1.1136	0.9367	0.9367
CH-S7B	5yr-1hr-90%	53.99	0.00	0.05	3.50	10.23	1.2570	0.0000	1.2428	1.2644	1.2644
CH-S7B	5yr-24hr -10%	55.00	0.00	0.03	3.53	10.29	1.7454	0.0000	1.0071	1.7503	1.7503
CH-S7B	5yr-24hr -90%	49.12	0.00	0.03	3.37	9.93	22.9996	0.0000	21.8080	22.9996	22.9996
CH-S7B	5yr-6hr-10%	75.77	0.00	0.03	4.00	11.36	1.2769	0.0000	0.7549	1.2805	1.2805
CH-S7B	5yr-6hr-90%	67.84	0.00	0.03	3.83	10.99	6.0506	0.0000	4.8649	6.0626	6.0626

Link: CH-S7B1
 Scenario: PC
 Type: Channel
 From Node: N-S5-DS
 To Node: N-S7-A
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B1	100-12hr r-10%	549.14	0.00	0.10	9.59	13.60	1.2499	0.0000	1.1724	1.2499	1.2499
CH-S7B1	100-12hr r-90%	172.21	0.00	-0.07	6.96	6.84	9.7500	0.0000	0.1430	9.7500	0.0001
CH-S7B1	100-1hr -10%	207.60	0.00	-0.05	7.34	9.48	0.9375	0.0000	0.0669	0.9377	0.9239
CH-S7B1	100-1hr -90%	242.64	0.00	-0.07	7.67	9.97	1.4450	0.0000	0.1430	1.4450	1.4450
CH-S7B1	100-24hr r-10%	469.21	0.00	-0.06	9.20	12.77	1.2500	0.0000	0.0986	1.2500	1.2500
CH-S7B1	100-24hr r-90%	150.49	0.00	-0.07	6.69	6.84	20.4999	0.0000	0.1430	20.4999	0.0001
CH-S7B1	100-6hr -10%	570.94	0.00	0.10	9.69	13.81	1.1667	0.0000	1.0560	1.1666	1.1667
CH-S7B1	100-6hr -90%	263.76	0.00	-0.07	7.86	10.23	5.0000	0.0000	0.1430	5.0000	4.9998
CH-S7B1	10yr-12hr-10%	258.93	0.00	-0.07	7.82	9.94	1.7499	0.0000	0.1430	1.7499	1.4460
CH-S7B1	10yr-12hr-90%	176.90	0.00	-0.07	7.01	6.84	11.2500	0.0000	0.1430	11.2500	0.0001
CH-S7B1	10yr-1hr -10%	100.47	0.00	-0.05	5.93	6.84	1.0690	0.0000	0.0875	1.0695	0.0001
CH-S7B1	10yr-1hr -90%	111.04	0.00	-0.07	6.11	7.39	1.5091	0.0000	0.1430	1.5093	1.0954
CH-S7B1	10yr-24hr-10%	224.06	0.00	-0.07	7.50	9.28	1.9998	0.0000	0.1430	1.9998	1.4826
CH-S7B1	10yr-24hr-90%	151.51	0.00	-0.07	6.70	6.84	22.4998	0.0000	0.1430	22.4998	0.0001
CH-S7B1	10yr-6hr -10%	272.21	0.00	-0.07	7.93	10.30	1.4845	0.0000	0.1218	1.4848	1.3939
CH-S7B1	10yr-6hr -90%	241.07	0.00	-0.07	7.66	7.43	6.0000	0.0000	0.1430	6.0000	6.0000
CH-S7B1	25yr-12hr-10%	362.97	0.00	-0.06	8.58	11.52	1.4999	0.0000	0.0986	1.4999	1.4999
CH-S7B1	25yr-12hr-90%	191.42	0.00	-0.07	7.17	6.84	10.7500	0.0000	0.1430	10.7500	0.0001
CH-S7B1	25yr-1hr -10%	139.55	0.00	-0.05	6.54	8.25	0.9787	0.0000	0.0750	0.9788	0.8833
CH-S7B1	25yr-1hr -90%	159.75	0.00	-0.07	6.81	8.68	1.4795	0.0000	0.1430	1.4798	1.4365
CH-S7B1	25yr-24hr-10%	309.04	0.00	-0.07	8.21	10.81	1.4999	0.0000	0.1218	1.4999	1.4999
CH-S7B1	25yr-24hr-90%	160.07	0.00	-0.07	6.81	6.84	21.7500	0.0000	0.1430	21.7500	0.0001

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B1	25yr-6hr-10%	384.17	0.00	-0.06	8.72	11.79	1.4018	0.0000	0.0986	1.4020	1.4018
CH-S7B1	25yr-6hr-90%	253.55	0.00	-0.07	7.77	7.73	5.4999	0.0000	0.1430	5.4999	5.4999
CH-S7B1	2yr-12hr-10%	106.75	0.00	-0.07	6.04	6.84	2.0905	0.0000	0.1430	2.0912	0.0001
CH-S7B1	2yr-12hr-90%	117.60	0.00	-0.07	6.22	6.84	12.0652	0.0000	0.1430	12.0658	0.0001
CH-S7B1	2yr-1hr-10%	78.46	0.00	-0.06	5.51	6.84	0.0000	0.0000	0.0986	0.0001	0.0001
CH-S7B1	2yr-1hr-90%	78.46	0.00	-0.07	5.51	6.84	0.0000	0.0000	0.1430	0.0001	0.0001
CH-S7B1	2yr-24hr-10%	89.05	0.00	-0.07	5.72	6.84	2.5577	0.0000	0.1430	2.5591	0.0001
CH-S7B1	2yr-24hr-90%	127.50	0.00	-0.07	6.37	6.84	24.0601	0.0000	0.1430	24.0606	0.0001
CH-S7B1	2yr-6hr-10%	113.40	0.00	-0.07	6.15	6.84	1.7062	0.0000	0.1430	1.7066	0.0001
CH-S7B1	2yr-6hr-90%	113.02	0.00	-0.07	6.15	6.84	6.0726	0.0000	0.1430	6.0730	0.0001
CH-S7B1	50-12hr-10%	429.30	0.00	-0.06	8.98	12.32	1.2500	0.0000	0.0986	1.2500	1.2500
CH-S7B1	50-12hr-90%	184.32	0.00	-0.07	7.09	6.84	10.2500	0.0000	0.1430	10.2500	0.0001
CH-S7B1	50-1hr-10%	172.56	0.00	-0.05	6.96	8.92	0.9532	0.0000	0.0669	0.9536	0.9131
CH-S7B1	50-1hr-90%	199.98	0.00	-0.07	7.26	9.37	1.4607	0.0000	0.1430	1.4609	1.4502
CH-S7B1	50-24hr-10%	402.74	0.00	-0.06	8.83	12.01	1.5000	0.0000	0.0986	1.5000	1.4999
CH-S7B1	50-24hr-90%	147.35	0.00	-0.07	6.65	6.84	20.9999	0.0000	0.1430	20.9999	0.0001
CH-S7B1	50-6hr-10%	453.10	0.00	-0.06	9.11	12.59	1.1667	0.0000	0.0986	1.1667	1.1667
CH-S7B1	50-6hr-90%	247.73	0.00	-0.07	7.72	7.73	5.1667	0.0000	0.1430	5.1667	5.1667
CH-S7B1	5yr-12hr-10%	187.20	0.00	-0.07	7.13	8.73	1.8557	0.0000	0.1430	1.8562	1.4435
CH-S7B1	5yr-12hr-90%	187.22	0.00	-0.07	7.13	6.84	12.0000	0.0000	0.1430	12.0000	0.0001
CH-S7B1	5yr-1hr-10%	78.46	0.00	-0.06	5.51	6.84	0.0000	0.0000	0.0986	0.0001	0.0001
CH-S7B1	5yr-1hr-90%	80.05	0.00	-0.07	5.54	6.84	1.5338	0.0000	0.1430	1.5343	0.0001
CH-S7B1	5yr-24hr	158.82	0.00	-0.07	6.79	7.97	2.1013	0.0000	0.1430	2.1016	1.4886

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
1	-10%										
CH-S7B1	5yr-24hr-90%	136.22	0.00	-0.07	6.50	6.84	23.0000	0.0000	0.1430	23.0000	0.0001
CH-S7B1	5yr-6hr-10%	198.94	0.00	-0.07	7.25	9.19	1.5635	0.0000	0.1430	1.5642	1.3652
CH-S7B1	5yr-6hr-90%	186.12	0.00	-0.07	7.11	6.84	6.0612	0.0000	0.1430	6.0615	0.0001

Link: CH-S7B2

Scenario: PC
 Type: Channel
 From Node: N-OFF-S4
 To Node: N-S7-B
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B2	100-12hr-10%	198.10	0.00	0.99	6.29	19.77	1.0413	0.0000	0.2226	1.0453	1.0413
CH-S7B2	100-12hr-90%	67.66	0.00	0.05	4.47	6.75	9.7500	0.0000	4.9266	9.7500	9.7500
CH-S7B2	100-1hr-10%	101.55	0.00	0.90	5.10	10.13	0.4993	0.0000	0.1709	0.4994	0.4993
CH-S7B2	100-1hr-90%	195.50	0.00	1.13	6.26	19.51	1.0719	0.0000	0.7555	1.0719	1.0719
CH-S7B2	100-24hr-10%	178.08	0.00	1.04	6.09	17.77	1.0729	0.0000	0.2483	1.0737	1.0729
CH-S7B2	100-24hr-90%	56.06	0.00	0.02	4.21	5.60	20.4999	0.0000	18.6195	20.4999	20.4999
CH-S7B2	100-6hr-10%	213.22	0.00	0.98	6.44	21.28	0.9117	0.0000	0.2205	0.9135	0.9117
CH-S7B2	100-6hr-90%	110.64	0.00	0.05	5.24	11.04	5.0000	0.0000	2.4121	5.0000	5.0000
CH-S7B2	10yr-12hr-10%	92.64	0.00	-3.54	4.95	9.25	1.2809	0.0000	0.5669	1.2827	1.2809

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CH-S7B 2	10yr-12hr-90%	68.47	0.00	0.03	4.49	6.83	11.2498	0.0000	5.6347	11.2498	11.2498
CH-S7B 2	10yr-1hr-10%	51.66	0.00	-4.31	4.10	5.48	0.4766	0.0000	0.3517	0.4766	0.4771
CH-S7B 2	10yr-1hr-90%	104.71	0.00	1.14	5.15	10.45	1.1038	0.0000	0.8278	1.1038	1.1038
CH-S7B 2	10yr-24hr-10%	78.68	0.00	3.45	4.70	7.85	1.5466	0.0000	0.6959	1.5482	1.5466
CH-S7B 2	10yr-24hr-90%	56.83	0.00	0.02	4.23	5.67	22.4996	0.0000	20.5807	22.4996	22.4996
CH-S7B 2	10yr-6hr-10%	105.73	0.00	3.96	5.16	10.55	1.0413	0.0000	0.4774	1.0421	1.0413
CH-S7B 2	10yr-6hr-90%	89.19	0.00	0.05	4.89	8.90	5.9998	0.0000	3.2453	5.9998	5.9998
CH-S7B 2	25yr-12hr-10%	129.94	0.00	-2.94	5.51	12.97	1.1711	0.0000	0.4267	1.1722	1.1711
CH-S7B 2	25yr-12hr-90%	74.24	0.00	0.03	4.61	7.41	10.7499	0.0000	4.9641	10.7499	10.7499
CH-S7B 2	25yr-1hr-10%	69.82	0.00	0.96	4.52	6.97	0.5313	0.0000	0.2006	0.5318	0.5313
CH-S7B 2	25yr-1hr-90%	139.48	0.00	1.13	5.64	13.92	1.0840	0.0000	0.7956	1.0840	1.0840
CH-S7B 2	25yr-24hr-10%	112.18	0.00	3.99	5.26	11.20	1.4990	0.0000	0.4316	1.4990	1.4990
CH-S7B 2	25yr-24hr-90%	60.59	0.00	0.02	4.32	6.05	21.7500	0.0000	19.5918	21.7500	21.7500
CH-S7B 2	25yr-6hr-10%	145.24	0.00	-1.12	5.71	14.50	1.0197	0.0000	0.2827	1.0205	1.0197
CH-S7B 2	25yr-6hr-90%	101.56	0.00	0.05	5.10	10.14	5.5000	0.0000	2.8779	5.5000	5.5000
CH-S7B 2	2yr-12hr-10%	39.64	0.00	0.39	3.76	4.42	1.5332	0.0000	1.0999	1.5395	0.9947
CH-S7B 2	2yr-12hr-90%	45.76	0.00	0.03	3.94	4.57	12.0214	0.0000	7.5744	12.0224	12.0214
CH-S7B 2	2yr-1hr-10%	29.23	0.00	0.09	3.41	4.10	0.8209	0.0000	0.4787	0.8215	0.7007
CH-S7B 2	2yr-1hr-90%	52.71	0.00	-1.22	4.13	5.26	1.1317	0.0000	0.9041	1.1318	1.1317
CH-S7B 2	2yr-24hr-10%	31.72	0.00	0.09	3.50	4.01	2.0466	0.0000	0.9634	2.0507	1.1218
CH-S7B 2	2yr-24hr-90%	47.97	0.00	0.02	4.00	4.79	24.0150	0.0000	22.6241	24.0177	24.0150
CH-S7B 2	2yr-6hr-10%	47.44	0.00	3.35	3.99	4.90	1.1951	0.0000	0.8996	1.1956	0.8994
CH-S7B 2	2yr-6hr-90%	45.62	0.00	0.05	3.94	4.55	6.0188	0.0000	4.0534	6.0200	6.0188

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
2	90%										
CH-S7B 2	50-12hr-10%	162.78	0.00	1.05	5.92	16.25	1.0623	0.0000	0.2528	1.0630	1.0623
CH-S7B 2	50-12hr-90%	72.06	0.00	0.03	4.57	7.19	10.2500	0.0000	4.5725	10.2500	10.2500
CH-S7B 2	50-1hr-10%	85.23	0.00	0.92	4.82	8.51	0.5126	0.0000	0.1840	0.5128	0.5126
CH-S7B 2	50-1hr-90%	167.03	0.00	1.13	5.96	16.67	1.0770	0.0000	0.7745	1.0770	1.0770
CH-S7B 2	50-24hr-10%	142.47	0.00	-2.08	5.67	14.22	1.1256	0.0000	0.3504	1.1263	1.1256
CH-S7B 2	50-24hr-90%	55.31	0.00	0.02	4.19	5.52	20.9998	0.0000	18.6366	20.9998	20.9998
CH-S7B 2	50-6hr-10%	177.99	0.00	1.03	6.08	17.76	0.9856	0.0000	0.2467	0.9863	0.9856
CH-S7B 2	50-6hr-90%	103.21	0.00	0.05	5.12	10.30	5.1667	0.0000	2.6299	5.1667	5.1667
CH-S7B 2	5yr-12hr-10%	67.56	0.00	3.44	4.47	6.74	1.3084	0.0000	0.7504	1.3092	1.3084
CH-S7B 2	5yr-12hr-90%	70.54	0.00	0.03	4.54	7.04	11.9997	0.0000	6.3410	11.9997	11.9997
CH-S7B 2	5yr-1hr-10%	45.22	0.00	2.62	3.93	4.81	0.6274	0.0000	0.6268	0.6276	0.6057
CH-S7B 2	5yr-1hr-90%	81.09	0.00	1.14	4.74	8.09	1.1166	0.0000	0.8553	1.1168	1.1166
CH-S7B 2	5yr-24hr-10%	56.28	0.00	3.19	4.22	5.62	1.5633	0.0000	0.9074	1.5689	1.5633
CH-S7B 2	5yr-24hr-90%	51.63	0.00	0.02	4.10	5.15	22.9996	0.0000	21.6748	22.9996	22.9996
CH-S7B 2	5yr-6hr-10%	78.68	0.00	-4.35	4.70	7.85	1.0679	0.0000	0.6226	1.0681	1.0679
CH-S7B 2	5yr-6hr-90%	69.84	0.00	0.05	4.52	6.97	6.0155	0.0000	3.5604	6.0174	6.0155

Link: L-0260C

Scenario: PC
 Type: Channel
 From Node:
 To Node:
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link: L-0270C

Scenario: PC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link: L-0280C

Scenario: PC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link: L-0290C

Scenario: PC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link: L-0300C

Scenario: PC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link: L-0310C

Scenario: PC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link: L-0320C

Scenario: PC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link: L-0330C

Scenario: PC
Type: Channel
From Node:
To Node:

Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link: L-0340C

Scenario: PC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link: L-0350C

Scenario: PC
Type: Channel
From Node:
To Node:
Link Count: 1
Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link: LC-G2

Scenario: PC
Type: Channel
From Node: N-G2C
To Node: N-G2-G3
Link Count: 1
Flow Direction: Positive

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
LC-G2	100-12h r-10%	1742.26	0.00	-1742.26	13.08	19.85	1.1583	0.0000	1.1584	1.0019	0.9923
LC-G2	100-12h r-90%	2001.51	0.00	-2001.51	9.97	14.58	9.7328	0.0000	9.7329	8.2846	8.2715
LC-G2	100-1hr -10%	1576.18	0.00	-1551.55	13.05	18.36	1.0346	0.0000	1.0346	1.0355	1.0325
LC-G2	100-1hr -90%	1570.86	0.00	-1546.31	13.04	18.36	1.4990	0.0000	1.4991	1.4970	1.4963
LC-G2	100-24h r-10%	1577.26	0.00	-1547.05	13.05	20.74	1.0595	0.0000	1.0588	1.0575	1.0465
LC-G2	100-24h r-90%	1844.90	0.00	-1844.90	9.96	14.24	20.4522	0.0000	20.4522	18.8304	18.8076
LC-G2	100-6hr -10%	1728.84	0.00	-1728.84	13.08	20.10	1.1334	0.0000	1.1335	0.9777	0.9630
LC-G2	100-6hr -90%	1789.20	0.00	-1789.20	13.02	18.25	4.9809	0.0000	4.9809	4.3439	4.3439
LC-G2	10yr-12 hr-10%	1574.93	0.00	-1550.32	13.04	19.60	1.3584	0.0000	1.3585	1.3584	1.3359
LC-G2	10yr-12 hr-90%	1497.72	0.00	-1497.72	12.29	17.23	11.1516	0.0000	11.1516	10.1313	10.1313
LC-G2	10yr-1hr -10%	1000.64	0.00	-1000.64	8.43	14.22	1.4151	0.0000	1.4151	1.4151	1.4149
LC-G2	10yr-1hr -90%	1185.08	0.00	-1185.08	9.84	13.82	1.7808	0.0000	1.7808	1.7808	1.7808
LC-G2	10yr-24 hr-10%	1639.17	0.00	-1639.17	13.01	19.39	1.9949	0.0000	1.9950	1.4839	1.4891
LC-G2	10yr-24 hr-90%	1811.70	0.00	-1811.70	9.97	14.36	22.4945	0.0000	22.4945	21.0647	21.0349
LC-G2	10yr-6hr -10%	1887.86	0.00	-1887.86	13.05	18.67	1.6585	0.0000	1.6586	1.2700	1.2677
LC-G2	10yr-6hr -90%	1831.91	0.00	-1831.91	12.99	18.43	5.9647	0.0000	5.9647	5.1605	5.1588
LC-G2	25yr-12 hr-10%	1855.69	0.00	-1855.69	13.05	21.00	1.4576	0.0000	1.4576	1.1816	1.1743
LC-G2	25yr-12 hr-90%	2274.16	0.00	-2274.16	13.04	18.32	10.7288	0.0000	10.7288	9.4088	9.4088
LC-G2	25yr-1hr -10%	1541.49	0.00	-1517.40	12.99	18.27	1.1941	0.0000	1.1941	1.1941	1.1922
LC-G2	25yr-1hr -90%	1556.72	0.00	-1532.39	13.02	18.24	1.6252	0.0000	1.6252	1.6252	1.6252
LC-G2	25yr-24 hr-10%	1577.15	0.00	-1552.51	13.05	19.34	1.2687	0.0000	1.2688	1.2683	1.2638
LC-G2	25yr-24 hr-90%	1997.25	0.00	-1997.25	9.98	14.38	21.7480	0.0000	21.7480	20.1155	20.1006

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
LC-G2	25yr-6hr-10%	2743.22	0.00	-2743.22	13.05	21.02	1.4946	0.0000	1.4946	1.1267	1.1221
LC-G2	25yr-6hr-90%	1942.39	0.00	-1942.39	13.00	18.47	5.4731	0.0000	5.4731	4.8032	4.8014
LC-G2	2yr-12hr-10%	1556.65	0.00	-1532.33	13.02	18.24	2.0204	0.0000	2.0204	2.0204	2.0204
LC-G2	2yr-12hr-90%	1494.75	0.00	-1470.45	12.47	17.53	11.6131	0.0000	11.6131	11.6131	11.6131
LC-G2	2yr-1hr-10%	126.06	0.00	-1.82	7.25	7.52	0.9178	0.0000	0.9665	0.9180	0.6520
LC-G2	2yr-1hr-90%	200.49	0.00	0.17	8.15	8.88	1.2845	0.0000	0.7597	1.2846	1.2165
LC-G2	2yr-24hr-10%	1213.10	0.00	1213.10	10.10	14.37	2.3973	0.0000	2.3973	2.3973	2.3877
LC-G2	2yr-24hr-90%	1334.65	0.00	-1334.65	9.97	14.70	24.2972	0.0000	24.2973	23.0677	23.0632
LC-G2	2yr-6hr-10%	1437.18	0.00	-1413.35	12.11	18.48	1.7731	0.0000	1.7731	1.7731	1.7731
LC-G2	2yr-6hr-90%	1553.52	0.00	-1529.25	13.01	18.22	6.0416	0.0000	6.0417	6.0416	6.0416
LC-G2	50-12hr-10%	1578.03	0.00	-1553.38	13.05	20.38	1.0835	0.0000	1.0836	1.0826	1.0658
LC-G2	50-12hr-90%	1632.11	0.00	1630.22	9.97	14.46	10.2483	0.0000	10.2483	8.8447	8.8380
LC-G2	50-1hr-10%	1571.92	0.00	-1547.36	13.05	18.31	1.1081	0.0000	1.1081	1.1081	1.1081
LC-G2	50-1hr-90%	1574.92	0.00	-1550.31	13.05	18.32	1.5555	0.0000	1.5555	1.5551	1.5551
LC-G2	50-24hr-10%	2031.52	0.00	2031.52	13.05	19.82	1.4983	0.0000	1.4983	1.1534	1.1287
LC-G2	50-24hr-90%	1773.74	0.00	-1773.74	9.96	14.46	20.9499	0.0000	20.9499	19.4701	19.4715
LC-G2	50-6hr-10%	1577.63	0.00	1517.92	13.05	20.60	1.0457	0.0000	1.0399	1.0445	1.0403
LC-G2	50-6hr-90%	1579.08	0.00	-1579.08	13.02	18.25	5.1535	0.0000	5.1536	4.5651	4.5651
LC-G2	5yr-12hr-10%	1716.16	0.00	-1716.16	13.03	18.26	2.1811	0.0000	2.1811	1.5510	1.5510
LC-G2	5yr-12hr-90%	1736.62	0.00	-1736.62	13.01	18.23	11.8381	0.0000	11.8381	10.7123	10.7123
LC-G2	5yr-1hr-10%	230.31	0.00	-206.86	7.93	8.27	1.2512	0.0000	1.2707	0.8439	0.5989
LC-G2	5yr-1hr-90%	285.62	0.00	274.65	8.88	9.56	1.2806	0.0000	1.6149	1.2807	1.1737
LC-G2	5yr-24hr	1559.84	0.00	-1535.4	13.02	18.48	1.7376	0.0000	1.7376	1.7376	1.7336

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	-10%				7						
LC-G2	5yr-24hr-90%	1202.05	0.00	-1202.05	9.97	14.19	21.8583	0.0000	21.8584	21.8583	21.8121
LC-G2	5yr-6hr-10%	1791.90	0.00	-1791.90	13.04	18.74	2.1697	0.0000	2.1697	1.4200	1.4085
LC-G2	5yr-6hr-90%	1792.44	0.00	-1792.44	13.02	18.43	6.3507	0.0000	6.3507	5.4847	5.4793

Link: P-G2-G3

Scenario: PC
 Type: Pipe
 From Node: N-G2-G3
 To Node: N-G3-OUT
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P-G2-G3	100-12hr-10%	464.16	0.00	0.06	65.67	67.31	1.2500	0.0000	0.5593	1.2500	1.2500
P-G2-G3	100-12hr-90%	484.36	0.00	0.10	68.52	70.24	9.7500	0.0000	5.0332	9.7500	9.7500
P-G2-G3	100-1hr-10%	487.72	0.00	0.10	69.00	70.73	2.0000	0.0000	0.5031	2.0000	2.0000
P-G2-G3	100-1hr-90%	472.99	0.00	0.07	66.91	68.59	2.0000	0.0000	1.0670	2.0000	2.0000
P-G2-G3	100-24hr-10%	442.44	0.00	0.10	62.59	64.16	1.2500	0.0000	0.5871	1.2500	1.2500
P-G2-G3	100-24hr-90%	487.02	0.00	0.10	68.90	70.63	20.5000	0.0000	12.4062	20.5000	20.5000
P-G2-G3	100-6hr-10%	448.78	0.00	0.06	63.49	65.08	1.1667	0.0000	0.5521	1.1667	1.1667
P-G2-G3	100-6hr-90%	466.88	0.00	0.10	66.05	67.71	5.0000	0.0000	2.7368	5.0000	5.0000
P-G2-G3	10yr-12hr-10%	458.64	0.00	0.10	64.88	66.51	1.7500	0.0000	0.7328	1.7500	1.7500

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P-G2-G3	10yr-12hr-90%	474.50	0.00	0.10	67.13	68.81	11.2500	0.0000	6.5036	11.2500	11.2500
P-G2-G3	10yr-1hr-10%	409.68	0.00	0.10	57.96	59.41	1.9894	0.0000	0.6080	1.9894	1.9894
P-G2-G3	10yr-1hr-90%	405.08	0.00	0.06	57.31	58.74	2.0000	0.0000	1.1534	2.0000	2.0000
P-G2-G3	10yr-24hr-10%	466.43	0.00	0.10	65.99	67.64	2.0000	0.0000	0.7969	2.0000	2.0000
P-G2-G3	10yr-24hr-90%	479.22	0.00	0.10	67.79	69.49	22.5000	0.0000	16.0969	22.5000	22.5000
P-G2-G3	10yr-6hr-10%	466.85	0.00	0.10	66.05	67.70	1.6667	0.0000	0.6987	1.6667	1.6667
P-G2-G3	10yr-6hr-90%	485.84	0.00	0.10	68.73	70.45	6.0000	0.0000	3.5240	6.0000	6.0000
P-G2-G3	25yr-12hr-10%	462.61	0.00	0.10	65.45	67.09	1.5000	0.0000	0.6493	1.5000	1.5000
P-G2-G3	25yr-12hr-90%	490.30	0.00	0.10	69.36	71.10	10.7500	0.0000	5.7541	10.7500	10.7500
P-G2-G3	25yr-1hr-10%	440.99	0.00	0.10	62.39	63.95	2.0000	0.0000	0.5588	2.0000	2.0000
P-G2-G3	25yr-1hr-90%	431.25	0.00	0.07	61.01	62.54	2.0000	0.0000	1.1134	2.0000	2.0000
P-G2-G3	25yr-24hr-10%	436.48	0.00	0.10	61.75	63.30	1.5000	0.0000	0.6933	1.5000	1.5000
P-G2-G3	25yr-24hr-90%	491.16	0.00	0.10	69.48	71.23	21.7500	0.0000	14.6098	21.7500	21.7500
P-G2-G3	25yr-6hr-10%	483.00	0.00	0.10	68.33	70.04	1.5000	0.0000	0.6279	1.5000	1.5000
P-G2-G3	25yr-6hr-90%	470.93	0.00	0.10	66.62	68.29	5.5000	0.0000	3.1950	5.5000	5.5000
P-G2-G3	2yr-12hr-10%	477.42	0.00	0.10	67.54	69.23	4.1268	0.0000	0.9987	4.1268	4.1268
P-G2-G3	2yr-12hr-90%	465.07	0.00	0.10	65.79	67.44	13.1250	0.0000	8.3726	13.1250	13.1250
P-G2-G3	2yr-1hr-10%	321.55	0.00	0.10	45.49	46.63	1.7617	0.0000	0.7562	1.7617	1.7617
P-G2-G3	2yr-1hr-90%	327.06	0.00	0.10	46.27	47.43	2.0002	0.0000	1.2520	2.0002	2.0002
P-G2-G3	2yr-24hr-10%	480.35	0.00	0.10	67.96	69.66	5.4431	0.0000	1.1220	5.4431	5.4431
P-G2-G3	2yr-24hr-90%	493.71	0.00	0.10	69.85	71.60	25.1146	0.0000	18.8640	25.1146	25.1146
P-G2-G3	2yr-6hr-10%	450.32	0.00	0.10	63.71	65.30	3.0894	0.0000	0.9117	3.0894	3.0894
P-G2-G3	2yr-6hr-90%	442.78	0.00	0.10	62.64	64.21	7.1541	0.0000	4.3473	7.1541	7.1541

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	90%										
P-G2-G3	50-12hr-10%	433.58	0.00	0.10	61.34	62.88	1.2500	0.0000	0.5966	1.2500	1.2500
P-G2-G3	50-12hr-90%	488.25	0.00	0.10	69.07	70.80	10.2500	0.0000	5.3712	10.2500	10.2500
P-G2-G3	50-1hr-10%	464.33	0.00	0.10	65.69	67.34	2.0000	0.0000	0.5297	2.0000	2.0000
P-G2-G3	50-1hr-90%	452.11	0.00	0.07	63.96	65.56	2.0000	0.0000	1.0887	2.0000	2.0000
P-G2-G3	50-24hr-10%	473.80	0.00	0.10	67.03	68.71	1.5000	0.0000	0.6344	1.5000	1.5000
P-G2-G3	50-24hr-90%	479.99	0.00	0.10	67.91	69.61	21.0000	0.0000	13.3460	21.0000	21.0000
P-G2-G3	50-6hr-10%	423.12	0.00	0.09	59.86	61.36	1.1667	0.0000	0.5883	1.1667	1.1667
P-G2-G3	50-6hr-90%	459.06	0.00	0.10	64.94	66.57	5.1667	0.0000	2.9504	5.1667	5.1667
P-G2-G3	5yr-12hr-10%	479.22	0.00	0.10	67.79	69.49	2.2500	0.0000	0.8220	2.2500	2.2500
P-G2-G3	5yr-12hr-90%	491.04	0.00	0.10	69.47	71.21	12.0000	0.0000	7.1749	12.0000	12.0000
P-G2-G3	5yr-1hr-10%	372.12	0.00	0.10	52.64	53.96	1.8517	0.0000	0.6604	1.8517	1.8517
P-G2-G3	5yr-1hr-90%	375.90	0.00	0.10	53.18	54.51	2.0000	0.0000	1.1861	2.0000	2.0000
P-G2-G3	5yr-24hr-10%	470.84	0.00	0.10	66.61	68.28	2.5000	0.0000	0.9013	2.5000	2.5000
P-G2-G3	5yr-24hr-90%	459.39	0.00	0.10	64.99	66.62	23.0000	0.0000	17.2627	23.0000	23.0000
P-G2-G3	5yr-6hr-10%	505.34	0.00	0.10	71.49	73.28	2.3334	0.0000	0.7675	2.3334	2.3334
P-G2-G3	5yr-6hr-90%	494.95	0.00	0.10	70.02	71.78	6.5000	0.0000	3.8569	6.5000	6.5000

Link: P1

Scenario: PC
 Type: Pipe
 From Node: N-S2-UP
 To Node: N-S2-DS
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P1	100-12hr-10%	399.14	-11.63	21.30	31.76	31.76	1.2500	0.0110	0.6567	1.2500	1.2500
P1	100-12hr-90%	129.16	-11.63	0.25	11.34	10.77	9.7500	0.0110	0.0119	9.7500	9.7500
P1	100-1hr-10%	176.59	-11.63	39.76	14.40	14.40	0.6681	0.0110	1.2493	0.6681	0.6681
P1	100-1hr-90%	350.75	-11.63	173.43	27.91	28.65	1.1313	0.0110	1.1313	1.1313	1.1313
P1	100-24hr-10%	352.39	-11.63	16.50	28.04	28.04	1.2500	0.0110	0.8372	1.2500	1.2500
P1	100-24hr-90%	112.42	-11.63	0.25	10.42	9.81	20.5000	0.0110	0.0119	20.5000	20.5000
P1	100-6hr-10%	420.82	-11.63	37.57	33.49	33.49	1.1666	0.0110	0.6336	1.1666	1.1666
P1	100-6hr-90%	208.31	-11.63	11.66	16.58	16.58	4.9798	0.0110	4.9474	4.9798	4.9798
P1	10yr-12hr-10%	201.66	-11.63	12.24	16.05	16.05	1.5587	0.0110	1.5634	1.5587	1.5587
P1	10yr-12hr-90%	131.96	-11.63	0.25	11.50	10.91	11.2499	0.0110	0.0119	11.2499	11.2499
P1	10yr-1hr-10%	89.93	-11.63	0.25	9.30	12.26	0.9169	0.0110	0.0119	0.9171	0.9123
P1	10yr-1hr-90%	144.13	-11.63	-1.47	12.23	12.98	1.2835	0.0110	1.4947	1.2835	1.4163
P1	10yr-24hr-10%	159.19	-11.63	0.25	12.67	13.30	1.7669	0.0110	0.0119	1.7669	1.3787
P1	10yr-24hr-90%	113.18	-11.63	0.25	10.46	9.85	22.4999	0.0110	0.0119	22.4999	22.4999
P1	10yr-6hr-10%	233.79	-11.63	30.95	18.60	18.60	1.3109	0.0110	1.3109	1.3109	1.3109
P1	10yr-6hr-90%	178.14	-11.63	0.28	14.18	14.18	5.9998	0.0110	5.9878	5.9998	5.9998
P1	25yr-12hr-10%	264.49	-11.63	19.99	21.05	21.05	1.4999	0.0110	1.0733	1.4999	1.4999
P1	25yr-12hr-90%	142.84	-11.63	0.25	12.15	11.55	10.7499	0.0110	0.0119	10.7499	10.7499
P1	25yr-1hr-10%	120.96	-11.63	9.76	10.88	13.03	0.8838	0.0110	1.1441	0.8839	0.8838
P1	25yr-1hr-90%	346.39	-11.63	169.80	27.56	28.29	1.2462	0.0110	1.2462	1.2462	1.2462
P1	25yr-24hr-10%	234.23	-11.63	23.43	18.64	18.69	1.1784	0.0110	1.1784	1.1784	1.1784
P1	25yr-24hr-90%	117.63	-11.63	0.25	10.70	10.06	21.7499	0.0110	0.0119	21.7499	21.7499

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P1	25yr-6hr-10%	283.98	-11.63	11.45	22.60	22.60	1.2837	0.0110	0.7840	1.2837	1.2837
P1	25yr-6hr-90%	199.62	-11.63	7.26	15.89	15.89	5.4900	0.0110	5.4900	5.4900	5.4900
P1	2yr-12hr-10%	77.43	-11.63	0.49	8.71	11.64	1.8336	0.0110	4.7971	1.8338	1.5105
P1	2yr-12hr-90%	89.26	-11.63	1.05	9.27	9.16	12.1004	0.0110	13.5671	12.1007	10.2346
P1	2yr-1hr-10%	44.47	-11.63	0.59	7.10	10.23	0.9673	0.0110	0.2984	0.9677	0.9703
P1	2yr-1hr-90%	68.62	-11.63	0.52	8.29	10.99	1.3001	0.0110	0.8223	1.3002	1.4178
P1	2yr-24hr-10%	63.11	-11.63	0.25	8.03	10.94	2.2171	0.0110	0.0119	2.2180	1.6756
P1	2yr-24hr-90%	95.99	-11.63	0.60	9.59	8.95	24.0838	0.0110	25.5832	24.0841	24.0667
P1	2yr-6hr-10%	88.36	-11.63	0.58	9.22	12.18	1.4507	0.0110	3.5646	1.4508	1.3673
P1	2yr-6hr-90%	87.88	-11.63	0.63	9.20	11.28	6.1003	0.0110	7.5603	6.1005	5.5421
P1	50-12hr-10%	324.03	-11.63	10.51	25.79	25.79	1.2500	0.0110	0.9324	1.2500	1.2500
P1	50-12hr-90%	137.96	-11.63	0.25	11.85	11.27	10.2499	0.0110	0.0119	10.2499	10.2499
P1	50-1hr-10%	145.87	-11.63	24.74	12.34	13.30	0.8668	0.0110	1.2175	0.8668	0.8877
P1	50-1hr-90%	368.21	-11.63	183.99	29.30	30.07	1.1749	0.0110	1.1749	1.1749	1.1749
P1	50-24hr-10%	290.01	-11.63	-12.30	23.08	23.08	1.4999	0.0110	0.8148	1.4999	1.4999
P1	50-24hr-90%	110.26	-11.63	0.25	10.31	9.70	20.9999	0.0110	0.0119	20.9999	20.9999
P1	50-6hr-10%	347.72	-11.63	15.32	27.67	27.67	1.1667	0.0110	0.6993	1.1667	1.1667
P1	50-6hr-90%	203.23	-11.63	15.43	16.17	16.17	5.1647	0.0110	5.1647	5.1647	5.1647
P1	5yr-12hr-10%	134.91	-11.63	0.25	11.67	13.18	1.6836	0.0110	0.0119	1.6839	1.4392
P1	5yr-12hr-90%	138.47	-11.63	0.25	11.89	11.26	12.0000	0.0110	0.0119	12.0000	12.0000
P1	5yr-1hr-10%	69.10	-11.63	0.25	8.31	11.50	0.9341	0.0110	0.0119	0.9342	0.9349
P1	5yr-1hr-90%	109.47	-11.63	0.25	10.27	12.25	1.2838	0.0110	0.0119	1.2838	1.4212
P1	5yr-24hr	111.83	-11.63	0.25	10.39	12.51	1.8668	0.0110	0.0119	1.8671	1.4142

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	-10%										
P1	5yr-24hr-90%	102.09	-11.63	0.25	9.89	9.29	22.9999	0.0110	0.0119	22.9999	22.9999
P1	5yr-6hr-10%	150.53	-11.63	22.74	12.63	13.30	1.3773	0.0110	2.0277	1.3414	1.2351
P1	5yr-6hr-90%	138.95	-11.63	-24.63	11.91	11.78	6.0836	0.0110	6.3548	6.0836	5.1210

Link: P2

Scenario: PC
 Type: Pipe
 From Node: N-S3-UP
 To Node: N-S3-DS
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P2	100-12hr-10%	133.39	0.00	49.24	42.46	43.52	0.7720	0.0000	0.7720	0.7720	0.7720
P2	100-12hr-90%	32.19	0.00	0.04	10.25	10.60	9.7500	0.0000	9.6965	9.7500	9.3792
P2	100-1hr-10%	64.55	0.00	23.08	20.55	21.11	0.6283	0.0000	0.6283	0.6283	0.6283
P2	100-1hr-90%	176.79	-0.33	64.82	56.27	57.82	1.1171	1.4994	1.1171	1.1171	1.1171
P2	100-24hr-10%	119.37	0.00	44.03	38.00	38.94	0.8434	0.0000	0.8434	0.8434	0.8434
P2	100-24hr-90%	25.87	0.00	0.00	8.75	10.53	20.5000	0.0000	17.1241	20.5000	20.3028
P2	100-6hr-10%	143.86	0.00	53.16	45.79	46.92	0.7377	0.0000	0.7377	0.7377	0.7377
P2	100-6hr-90%	81.69	0.00	-30.08	26.00	26.65	4.9545	0.0000	4.9546	4.9545	4.9545
P2	10yr-12hr-10%	67.04	0.00	24.00	21.34	21.93	1.0180	0.0000	1.0180	1.0180	1.0180

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P2	10yr-12hr-90%	32.40	0.00	0.04	10.31	10.60	11.2500	0.0000	11.1764	11.2500	11.2500
P2	10yr-1hr-10%	27.79	0.00	0.03	9.24	10.65	0.4173	0.0000	0.2820	0.4173	0.4186
P2	10yr-1hr-90%	70.25	0.00	-0.30	22.36	22.92	1.0725	0.0000	1.2025	1.0725	1.0725
P2	10yr-24hr-10%	55.11	0.00	20.23	17.54	18.02	1.1867	0.0000	1.1867	1.1867	1.1867
P2	10yr-24hr-90%	26.27	0.00	0.01	8.85	10.55	22.4999	0.0000	19.6487	22.4999	22.2983
P2	10yr-6hr-10%	78.65	0.00	28.67	25.03	25.72	0.9091	0.0000	0.9091	0.9091	0.9091
P2	10yr-6hr-90%	41.18	0.00	-9.58	13.11	13.44	6.0000	0.0000	5.9406	6.0000	6.0000
P2	25yr-12hr-10%	95.50	0.00	35.20	30.40	31.15	1.0366	0.0000	1.0366	1.0366	1.0366
P2	25yr-12hr-90%	35.17	0.00	0.04	11.20	11.50	10.7499	0.0000	10.5116	10.7499	10.7499
P2	25yr-1hr-10%	38.31	0.00	-0.07	12.19	12.50	0.4077	0.0000	0.6302	0.4077	0.4077
P2	25yr-1hr-90%	90.84	0.00	15.65	28.92	29.64	1.0731	0.0000	1.2125	1.0731	1.0731
P2	25yr-24hr-10%	80.74	0.00	-29.69	25.70	26.34	1.1992	0.0000	1.1993	1.1992	1.1992
P2	25yr-24hr-90%	29.08	0.00	0.01	9.59	10.50	21.7500	0.0000	18.6107	21.7500	21.4258
P2	25yr-6hr-10%	106.66	0.00	39.29	33.95	34.80	0.9372	0.0000	0.9372	0.9372	0.9372
P2	25yr-6hr-90%	75.81	0.00	-27.89	24.13	24.73	5.4964	0.0000	5.4964	5.4964	5.4964
P2	2yr-12hr-10%	18.57	0.00	0.01	7.10	9.90	1.3337	0.0000	0.4865	1.3338	1.3337
P2	2yr-12hr-90%	21.59	0.00	-0.01	7.74	10.23	12.0030	0.0000	12.0854	12.0031	12.0172
P2	2yr-1hr-10%	13.26	0.00	0.02	6.08	9.12	0.7695	0.0000	0.3147	0.7697	0.7723
P2	2yr-1hr-90%	37.95	0.00	-0.25	12.08	12.38	1.0727	0.0000	1.1447	1.0727	1.0727
P2	2yr-24hr-10%	15.04	0.00	0.01	6.41	9.41	1.5672	0.0000	0.5323	1.5673	1.5682
P2	2yr-24hr-90%	22.23	0.00	0.01	7.88	10.29	24.0007	0.0000	21.6064	24.0007	24.0020
P2	2yr-6hr-10%	22.53	0.00	0.02	7.95	10.32	1.0679	0.0000	0.4501	1.0680	1.0744
P2	2yr-6hr-90%	21.37	0.00	-0.01	7.69	10.21	6.0013	0.0000	6.0857	6.0014	6.0014

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	90%										
P2	50-12hr -10%	115.55	0.00	42.60	36.78	37.70	0.8776	0.0000	0.8776	0.8776	0.8776
P2	50-12hr -90%	34.22	0.00	0.04	10.89	11.19	10.2500	0.0000	10.0977	10.2500	10.2500
P2	50-1hr-10%	55.58	0.00	20.41	17.69	18.18	0.7156	0.0000	0.7156	0.7156	0.7156
P2	50-1hr-90%	115.79	0.00	42.36	36.86	37.87	1.1546	0.0000	1.1545	1.1546	1.1546
P2	50-24hr -10%	103.96	0.00	38.28	33.09	33.92	0.9877	0.0000	0.9876	0.9877	0.9877
P2	50-24hr -90%	25.56	0.00	0.01	8.67	10.52	20.9999	0.0000	17.6422	20.9999	20.8612
P2	50-6hr-10%	126.07	0.00	46.51	40.13	41.13	0.8214	0.0000	0.8213	0.8214	0.8214
P2	50-6hr-90%	51.33	0.00	18.24	16.34	16.79	4.5813	0.0000	4.5813	4.5813	4.5813
P2	5yr-12hr -10%	33.46	0.00	1.13	10.65	10.94	1.2911	0.0000	1.2911	1.2911	1.2911
P2	5yr-12hr -90%	33.13	0.00	0.04	10.54	10.83	12.0000	0.0000	11.8631	12.0000	12.0000
P2	5yr-1hr-10%	20.83	0.00	0.02	7.57	10.15	0.4342	0.0000	0.3006	0.4343	0.4342
P2	5yr-1hr-90%	55.83	0.00	-0.29	17.77	18.22	1.0723	0.0000	1.1835	1.0723	1.0723
P2	5yr-24hr -10%	26.49	0.00	0.02	8.90	10.60	1.5504	0.0000	0.4477	1.5505	1.5504
P2	5yr-24hr -90%	23.92	0.00	0.01	8.27	10.43	23.0000	0.0000	20.6221	23.0000	22.9983
P2	5yr-6hr-10%	57.92	0.00	20.66	18.44	18.94	1.0948	0.0000	1.0948	1.0948	1.0948
P2	5yr-6hr-90%	32.39	0.00	-0.04	10.31	10.67	6.0015	0.0000	6.0512	6.0015	5.5807

Link: P3
 Scenario: PC
 Type: Pipe
 From Node: N-SS-UP
 To Node: N-SS-DS
 Link Count: 1
 Flow Direction: Both

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P3	100-12hr r-10%	275.92	0.00	185.58	56.21	79.25	1.1710	0.0000	1.1710	1.1710	1.2497
P3	100-12hr r-90%	33.82	0.00	0.01	8.12	32.72	9.7499	0.0000	7.3645	9.7499	9.7487
P3	100-1hr -10%	78.09	0.00	-0.29	15.91	41.34	0.3027	0.0000	0.4824	0.3027	0.3042
P3	100-1hr -90%	162.91	0.00	-0.93	33.19	49.50	1.0293	0.0000	1.1336	1.0293	1.0297
P3	100-24hr r-10%	88.55	0.00	0.04	18.04	42.75	1.0186	0.0000	0.2342	1.0186	1.0218
P3	100-24hr r-90%	26.62	0.00	0.01	7.21	30.53	20.4998	0.0000	17.0789	20.4998	20.4949
P3	100-6hr -10%	285.45	0.00	188.93	58.15	79.56	1.0558	0.0000	1.0558	1.0558	1.1182
P3	100-6hr -90%	56.92	0.00	0.01	11.59	37.92	5.0000	0.0000	4.9734	5.0000	5.0000
P3	10yr-12hr -10%	47.89	0.00	0.03	10.22	36.13	1.0334	0.0000	0.2865	1.0334	1.0338
P3	10yr-12hr -90%	34.06	0.00	0.01	8.15	32.79	11.2499	0.0000	8.8205	11.2499	11.2499
P3	10yr-1hr -10%	42.16	0.00	0.04	9.30	34.85	0.3173	0.0000	0.2165	0.3175	0.3181
P3	10yr-1hr -90%	100.65	0.00	-0.88	20.50	44.19	1.0301	0.0000	1.1084	1.0301	1.0321
P3	10yr-24hr -10%	41.29	0.00	0.03	9.17	34.64	1.0334	0.0000	0.3329	1.0334	1.0340
P3	10yr-24hr -90%	27.18	0.00	0.01	7.28	30.72	22.4999	0.0000	19.5817	22.4999	22.4963
P3	10yr-6hr -10%	55.85	0.00	-0.10	11.39	37.72	0.8671	0.0000	0.9843	0.9209	0.8682
P3	10yr-6hr -90%	42.75	0.00	0.01	9.39	34.98	5.9999	0.0000	4.4164	5.9999	5.9999
P3	25yr-12hr -10%	65.76	0.00	0.04	13.40	39.46	0.7938	0.0000	0.2655	0.7938	0.7938
P3	25yr-12hr -90%	36.81	0.00	0.01	8.52	33.53	10.7498	0.0000	9.1885	10.7498	10.7485
P3	25yr-1hr -10%	54.53	0.00	-0.24	11.39	37.51	0.2816	0.0000	0.3756	0.2816	0.3756
P3	25yr-1hr -90%	125.38	0.00	-0.92	25.54	46.68	1.0292	0.0000	1.1202	1.0292	1.0297
P3	25yr-24hr -10%	58.62	0.00	-0.11	11.94	38.23	1.0207	0.0000	1.1719	1.0207	1.0240
P3	25yr-24hr -90%	30.54	0.00	0.01	7.70	31.78	21.7498	0.0000	18.5814	21.7498	21.7498

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
P3	25yr-6hr-10%	75.02	0.00	-0.16	15.28	40.90	0.7187	0.0000	1.3840	0.7187	0.7196
P3	25yr-6hr-90%	50.93	0.00	0.01	10.74	36.76	5.5000	0.0000	4.0817	5.5000	5.5000
P3	2yr-12hr-10%	21.93	0.00	0.02	6.64	28.86	1.2835	0.0000	0.3976	1.2838	1.2850
P3	2yr-12hr-90%	23.31	0.00	0.01	6.81	29.38	12.0004	0.0000	10.8737	12.0006	12.0011
P3	2yr-1hr-10%	21.70	0.00	0.03	6.62	28.77	0.3494	0.0000	0.2496	0.3516	0.3529
P3	2yr-1hr-90%	60.48	0.00	-0.78	12.32	38.56	1.0338	0.0000	1.0717	1.0338	1.0341
P3	2yr-24hr-10%	17.93	0.00	0.02	6.16	27.21	1.5180	0.0000	0.4501	1.5184	1.5196
P3	2yr-24hr-90%	23.34	0.00	0.01	6.82	29.39	24.0000	0.0000	21.5783	24.0006	24.0009
P3	2yr-6hr-10%	27.21	0.00	0.02	7.28	30.74	0.8836	0.0000	0.3679	0.8839	0.8837
P3	2yr-6hr-90%	23.51	0.00	-0.01	6.83	29.45	6.0004	0.0000	6.0749	6.0006	6.0008
P3	50-12hr-10%	81.60	0.00	0.04	16.62	41.83	0.7881	0.0000	0.2494	0.7881	0.7922
P3	50-12hr-90%	35.87	0.00	0.01	8.39	33.28	10.2500	0.0000	8.1266	10.2500	10.2494
P3	50-1hr-10%	66.76	0.00	-0.30	13.60	39.62	0.3053	0.0000	0.4377	0.3053	0.3072
P3	50-1hr-90%	144.11	0.00	-0.92	29.36	48.22	1.0291	0.0000	1.1275	1.0291	1.0302
P3	50-24hr-10%	72.61	0.00	0.04	14.79	40.53	1.0195	0.0000	0.2652	1.0195	1.0234
P3	50-24hr-90%	26.38	0.00	0.01	7.18	30.46	20.9999	0.0000	17.5819	20.9999	20.9984
P3	50-6hr-10%	90.98	0.00	0.04	18.53	43.05	0.7145	0.0000	0.2499	0.7145	0.7192
P3	50-6hr-90%	53.01	0.00	0.01	11.11	37.17	5.1667	0.0000	3.9121	5.1667	5.1663
P3	5yr-12hr-10%	35.92	0.00	0.02	8.40	33.30	1.0339	0.0000	0.3190	1.0340	1.0345
P3	5yr-12hr-90%	34.57	0.00	0.01	8.22	32.93	12.0000	0.0000	10.1224	12.0000	11.9989
P3	5yr-1hr-10%	32.82	0.00	0.03	7.99	32.44	0.3337	0.0000	0.2333	0.3340	0.3340
P3	5yr-1hr-90%	82.98	0.00	-0.95	16.90	42.02	1.0334	0.0000	1.0967	1.0334	1.0341
P3	5yr-24hr	29.78	0.00	0.02	7.60	31.55	1.0337	0.0000	0.3667	1.0339	1.0348

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	-10%										
P3	5yr-24hr-90%	24.94	0.00	0.01	7.01	29.96	22.9997	0.0000	20.5729	22.9997	22.9997
P3	5yr-6hr-10%	43.01	0.00	0.03	9.43	35.04	0.8671	0.0000	0.3321	0.8671	0.8671
P3	5yr-6hr-90%	34.25	0.00	-0.01	8.18	32.84	6.0002	0.0000	6.0714	6.0002	6.0009

Link: W-G2-G3

Scenario: PC
 Type: Weir
 From Node: N-G2-G3
 To Node: N-G3-OUT
 Link Count: 1
 Flow Direction: None

Link Min/Max Conditions with Times [PC]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
W-G2-G3	100-12hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G3	100-12hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G3	100-1hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G3	100-1hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G3	100-24hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G3	100-24hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G3	100-6hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G3	100-6hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G3	10yr-12hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
W-G2-G 3	10yr-12hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	10yr-1hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	10yr-1hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	10yr-24hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	10yr-24hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	10yr-6hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	10yr-6hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	25yr-12hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	25yr-12hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	25yr-1hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	25yr-1hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	25yr-24hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	25yr-24hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	25yr-6hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	25yr-6hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	2yr-12hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	2yr-12hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	2yr-1hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	2yr-1hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	2yr-24hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	2yr-24hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	2yr-6hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	2yr-6hr-	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
3	90%										
W-G2-G 3	50-12hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	50-12hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	50-1hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	50-1hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	50-24hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	50-24hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	50-6hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	50-6hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	5yr-12hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	5yr-12hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	5yr-1hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	5yr-1hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	5yr-24hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	5yr-24hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	5yr-6hr-10%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
W-G2-G 3	5yr-6hr-90%	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000